Guernsey Breeders' JOURNAL

Volume 24 SEPTEMBER 1, 1923 Number 5

MEADOW Fields have been known to exist on Chilmark for a very long time as their use by the Indians and English soldiers is clearly shown. Many arrow-heads; skinning flints, English money of the time of George III. and early American money have been found in these pastures.

Chilmark Farm Guernseys are Grown Under Ideal Conditions

CHILMARK FARM

OSSINING, NEW YORK VINCENT PHELPS, *Supt.*

WHERE THEY RAISE GUERNSEYS IN KANSAS
Ransom Guernsey Farm, Homewood, Kansas

GUERNSEY BREEDERS' JOURNAL

VOLUME 24
NUMBER 5

SEPTEMBER 1
1923

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ADOHR STOCK FARMS
THE WORLD'S LARGEST CERTIFIED DAIRY
1200 Grade and Pure Bred Guernseys in One Herd

HOW a very small beginning resulted in the largest herd in the world in six years is told in this story of Mr. and Mrs. M. H. Adamson in the development of their Guernsey herd near Los Angeles, California. During the growth of this wonderful place four principal objects have been kept in mind,—(1) The highest quality milk; (2) A herd free from disease; (3) Increased average production; (4) substantial net profit. They have been equally successful in all of these.

For the past four years, of all the samples of milk and cream taken and scored by the City Health Department of Los Angeles, the average rating for this length of time is 98.2 per cent. The Adohr milk was the first to receive a score of 100 per cent. In a recent contest held in San Francisco by the American Association of medical milk Commissions and the Certified Milk Producers' Association of America, Adohr Guernsey milk won highest honors with a score of 99.3; ten different states were competing.

AEROPLANE VIEW OF ADOHR STOCK FARMS

As to the health of the herd. During the six years 4003 animals have been tested for tuberculosis and the average number of reactors was less than .08 per cent. The cows have calved quite regularly too. The birth reports show that during the past four years, 511 males and 492 females have been born. The records show a little less than .7 per cent. abortions. This record is quite remarkable considering the short time taken in assembling such a large herd.

The growth of the herd has been very rapid. The first of August, 1918, they were milking 99 cows; in 1919, 172 cows; in 1920, 255 cows; in 1921, 349 cows in 1922, 447 cows; and at the present time they are milking over 600 cows. Each day 7000 bottles of this excellent milk is being distributed in Los Angeles County. Six different dairy companies distribute the milk, for which Adohr Stock Farms allow them a commission of six cents a quart. The Farms receive an average of twenty-four cents a quart delivered in Los Angeles where it is retailed at thirty cents a quart.

Records kept for a number of years show that the cost of production is about one-half the cost of bottling and delivering in the city, which is twenty miles from the farm.

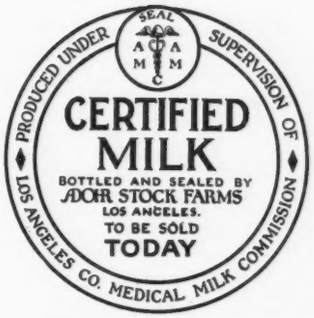
Remarkable efficiency is practiced in the production of this milk. The overhead charges are kept at a minimum by making almost continuous use of the milking barns and bottling plant. To do this it is necessary to have two shifts of men, both for the milking barns and bottling rooms. One crew of men starts to work at seven o'clock in the morning and works until seven o'clock in the evening. Another lot of them starts to work at two o'clock in the afternoon and works until two o'clock in the morning. By this method cows are being milked in the barns and the bottling machinery operated almost continuously with the exception of about four hours during the day. Were it not for this plan, a much greater amount of money would have to be invested in more milking barns and bottling equipment to operate such a large dairy.

The milking barn has a capacity of 156 cows. From twenty-four to twenty-six cows stand in a string, or row of stanchions; four lots of cows are milked in each one of these strings during the day; each milker has his string of cows which he washes off and milks twice daily. The milkers work in pairs and one assists the other in bringing in his string of cows from their lot. The cows are not allowed to run together outside the barn, only one string being kept in one lot. To go through these lots and the various alley ways reminds one of going through the Union Stocks Yards in Chicago. The arrangement is similar except that these cows are kept in

SOME ADOHR EMPLOYEES
Picked Men Who Are Interested in Their Work

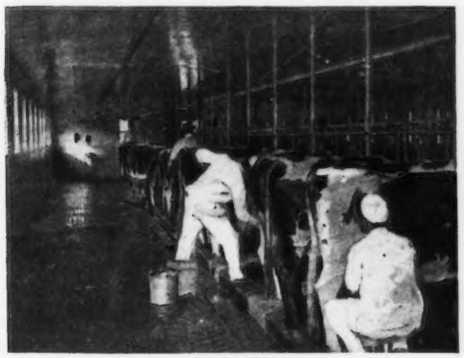
much cleaner surroundings. In the lots are feed racks for the hay and separate feed racks for the silage. The cows are kept in these lots during the entire year and are only inside of the barn while they are being milked. Some of the lots have shade for the cows and others do not.

All of the manure is well cared for. Four months of the year it is put on the fields of the Adohr Stock Farms and the other eight eight months it is sold at a dollar per cow a month and the buyer does the hauling. This brings in $800 net profit per month for manure.



THE ADOHR BOTTLE CAP

As the cows are brought into the milking barn from the lots their entire bodies are thoroughly washed. While they are being milked they are allowed to have their grain. After each cow is milked the milk is dumped, which runs over the cooler, where the temperature is lowered to forty degrees Fahrenheit, and then on into the bottling works. After milking each cow the milker is careful to wash his hands before going to another animal. While the milkers are at work the feeders are working too, giving the cows in the barn their grain and placing the roughage for them out in the racks in the various feed lots.



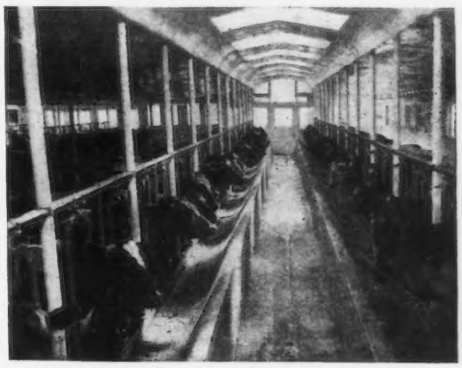
ONE OF THE MILKING STRINGS
Note the Sanitary Methods Employed

The grain ration is mixed up in about the following proportions: 200 pounds beet pulp; 200 pounds bran; 200 pounds ground barley; and 50 pounds cottonseed meal. Each cow receives about one pound of this grain mixture to each three or four pounds of milk which she produces. The cows, as nearly as possible, are placed in the various strings according to the amount of milk they produce, so that each string may be treated as a group of individual cows and fed accordingly.

After the cows have been milked they are turned out to their various lots where each cow gets from fifty to sixty pounds of green alfalfa. The feeders are always careful to give this shortly after the cows have been milked so that the odor will not affect the next milking. In addition to this, seven to eight pounds of chopped hay are fed and twelve to eighteen pounds of silage. The climatic conditions in the San Fernando Valley are such that green alfalfa may be had for the cows in most years the year round, and always at least ten months out of the year.

Once in awhile they find a cow that is affected somewhat in her milk flow by the system of being washed twice a day with cold water. Any cow that does not meet the requirements is sent to the butcher's block and the meat is used in the commissary department.

Mr. Adamson is a member of the Los Angeles Cow Testing Association and has his entire herd of milking cows tested once a month each year. In 1919 and 1920 the average production of 220 cows was 304.00 pounds of butter fat, while for the testing year, which has just closed, the average production on 387 milking cows was 350.40 pounds of butter fat, or an increase of 46.4 pounds of fat per cow.



DOWN THE CENTRAL FEED ALLEY
Only Moist Grain is Fed in the Barn

A visit to this farm impresses one with the high quality of bulls which are used on their grade cows. They are just as good as we see in the majority of the best pure bred herds. The Adamsons say the records show that it pays and they want even better bulls.

At the present time they are using seventeen good pure bred Guernsey bulls on this herd. Among them are such

EIGHT OF THE ADOHR HERD SIRES

Left to right: Inspiration of Edgemoor 54834, Inspiration's Primus of Adohr Farms 68748, Golden Glenwood of Pencoyd 21672, Chesterfield of Edgemoor 57457, Harvester of Maple Hill 48031, Reuben King of Hollow-Hill 60435, Adam of the Rancho 60755, Effie's King of Hollow-Hill Farm 45861.

animals as Inspiration of Edgemoor 54834, sired by Royal Rose King of Edgemoor 34361, and out of Belladia 31909, whose record was 19631.9 pounds of milk and 934.05 pounds of butter fat; Adam of the Rancho 60655, a son of Brookmead's White Face 32211, whose first ten daughters averaged 12,000 pounds of milk and over 600 pounds of fat with first calf. Another is Rex's Harvester of Maple Hill 48031, a son of Rex of Rich Neck 31472, Other noted bulls in the group are Golden Glenwood of Pencoyd 21672; Chesterfield of Edgemoor 57457; Reuben King of Hollow-Hill Farm 60435; Effie's King of Hollow-Hill Farm 45861; Inspiration Primus of Adohr Farms 68748; and a number of others equally as good. The accompanying photograph shows eight of the herd sires.

The owners are always on the lookout for good grade Guernseys but insist that they must be of good size, well marked and from herds that are free from tuberculosis. Whenever they can find animals that meet their requirements they buy in California but if this is not possible, purchases are made in other sections. Since the establishment of the herd they have purchased fifteen carloads of cows in Wisconsin and eight carloads in Oregon. All of the heifer calves are raised on the farm, yet they find that it will be necessary to buy still more as they wish to run the place at its maximum capacity, which will be about 1300 grade Guernseys, or a herd large enough so that they may be assured of having 830 milking cows all of the time.

For the past three years Dr. Maynard Rosenberger has been superintendent of the Adohr Stock Farms. Dr. Rosenberger was formerly official veterinarian of the Los Angeles County Medical Milk Commission and chief of milk inspection for the City Health Department of Los Angeles. While in this capacity he did some excellent work in the improvement of the milk supply of that city, which has attracted nation-wide attention. Since becoming superintendent of the farm he has done some very effective work. He is not only very capable in the production of high class milk but he is very efficient in the management of men. They employ eighty men at the farm.

This cow and the fine specimen opposite her, in the other corner of the page, are examples of the good Guernseys at Adohr.

Mrs. Adamson also takes a great interest in the farm. She has raised two children on the milk produced at this place and she is quite insistent that all the milk which comes from the Adohr Stock Farms be perfectly safe for any mother to feed her babies. She, with Mr. Adamson and Dr. Rosenberger, has worked out many problems in connection with this place which has aided in winning for them the excellent reputation which the Adohr milk now has.

The big problem in connection with this farm has been to secure enough good grade Guernsey cows to supply this ever increasing demand for the Adohr Guernsey milk. The difficulty of doing this has made it necessary to raise all the heifer calves born on the farm. In the beginning they had considerable difficulty in getting the lot—raised calves to breed when the proper time came. Dr. Rosenberger has worked out a system which has eliminated all of this trouble so that now it is very seldom that they have any breeding troubles at all with the heifers which they have raised themselves.

Each calf is taken away from its mother when it is a day old. It is fed the colostrum milk from its mother for four or five days and is then given regular whole milk from the herd for almost three months. During the latter part of this time some of the whole milk is supplemented with milk powder and water. At the end of three months they made the complete change from whole milk to powdered milk and a grain ration mixed in the following proportions: 100 pounds of bran; 100 pounds of beet pulp; 100 pounds of ground oats; 100 pounds of barley; 25 pounds linseed oil meal. In addition to this they are fed alfalfa leaves and chopped hay. At eight months of age they are turned out in the hill pasture. Here everything is done to encourage the heif-

ILLUSTRATING THE VALUE OF A GOOD BULL

Four Generations of Type Improvement

Left to right: Imp. Naftraux Fairmaid 2d 23272; 4110.00 lbs. of milk, 164.40 lbs. of butter fat; Fairmaid of the Mission 82751; 6561.00 lbs. of milk, 292.40 lbs. of butter fat; Mary of Adohr 109574; 7495.00 lbs. of milk, 404.90 lbs. of butter fat. Adohr's Inspiration Mary 123988;—and note the type improvement.

ers to walk as much as possible. Their water is at one end of the pasture and once a day they are fed some chopped hay and a little silage at the other end of the pasture. There is some feed in the pasture which causes them to do considerable browsing over the hills. On some of the hills there is considerable diatome, a sedimentary rock of marine formation which come to the surface. It is interesting to note that these growing heifers will lick these rocks, which crumble very easily, and during the year a considerable amount of mineral is thus consumed.

At no time are the heifers fat or in high condition. They develop into tall, rangey looking animals and are always active. At about seventeen months, or when they are of the proper size, they are bred and it is seldon necessary to breed them more than once to get them in calf. At about one and a half to two months before calving they are brought down from the pasture and put in what are known as dry lots where cows are prepared for freshening. Here the ration consists mostly of chopped alfalfa hay and silage, sometimes a little grain.

In a large herd like this it is very important to have a good system of identification of the various animals. The Adohr Stock Farms have worked out an especially good one for this so that it is possible to go into the office at any time and find out which lot or pasture any calf or cow is in.

System of Marking

Just as soon as a calf is born it is given a temporary number which is put on a chain around its neck. After the calf is past the danger stage or shows every indication that it will live, it is given a permanent number, or rather two numbers. One number is on a tag attached to a chain around its neck and another number is tatooed on its ear. When this heifer freshens she is given a "cow number" which is attached to her neck chain. In the office she also goes from the heifer herd book to the regular herd books and master files for mature animals.

At the end of each day the herdsman hands into the office a daily report, noting additions to milking strings, cows removed from milking strings, movement of cattle, heifers transferred to cow herd, cows bred, heifers bred, cows calved, heifers calved, etc.

When a carload of animals is received they all go to one lot and none of them are allowed to mix with any of the other cattle until it is known that they are all free from disease.

Each cow is dried up so that she will have from six weeks to two months rest before freshening. When they are almost dry they are turned out into what is called the "Dry Cow Lot." There they are milked once a day until they are completely dry. In this lot their feed ration is chopped alfalfa hay and silage. A small amount of grain is fed shortly before freshening. Under this system of care the cows are all in good condition but not fat. Dr. Rosenberger is very much opposed to getting his dry cows too fat.

In going over the herd one is quite impressed with the fact that he finds no cripples. Every animal looks strong and healthy. The superintendent inspects the herd quite carefully for symptoms of disease every day and all ailments are properly treated.

The Adohr Stock Farms are located out in the beautiful San Fernando Valley, about twenty miles out of Los Angeles on the Ventura Boulevard. A more picturesque setting would be difficult to find. The farm stretches a quarter of a mile on this Los Angeles to San Francisco highway, with the low lying Santa Monica mountains as a background. In front, on the other side of the highway, is a beautiful valley with its orange groves, English walnut orchards, and large, level fields of green alfalfa. The farm consists of 600 acres, 405 acres of which is in alfalfa, which furnishes from seven to eight cuttings a year, or an average of about ten tons per acre. 1,500 tons of corn silage are put up each year. This is produced on eighty acres of land, or the average yield of corn silage is a little better than eighteen tons per acre. The corn is allowed to get well matured before it is cut for the silo.

The buildings are back from the highway far enough so that it is possible to have a beautiful lawn in front. This is in alfalfa and with a number of live oak and walnut trees gives a very beautiful effect. "Adohr Stock Farms Certified Milk" is painted on two of the tall, concrete silos so that it is plainly visible from the highway during the day and at night spot lights make it possible for the thousands of parties in autos to see this beautiful sign, reminding them that they should have some Guernsey milk or cream for breakfast.

The Adamsons have a thousand acre ranch leased at Redlands, known as the El Caso Annex Ranch, which is used as pasture for some of the growing heifers.

When the Adohr Stock Farms were running between two and three hundred cows with about the same investment in buildings, the returns were very small, and it was a question whether to sell out or get more cows. After considerable investigation the owners decided to enlarge the herd. Now their dividends are so good that they are not even tempted by the numerous real estate dealers who desire to have the ranch so that it may be subdivided and sold out in lots to take care of the ever increasing population of Los Angeles. At the present time they are having another milking barn and two more concrete silos constructed.

"TO WHAT BREED DOES THIS GRADE BELONG?"

Describing Grade Cows and Their Milk

THIS article is largely a presentation of a news note in a recent issue of the "Pacific Dairy Review," and the reply which it drew from a Guernsey breeder of California. The situation is self-explanatory, and it is with interest that the JOURNAL reproduces the correspondence, since it will have a bearing on Guernsey breeders, or breeders of any breed of pure bred or grade cattle, who are selling their milk under the breed name.

The following is a copy of the article which appeared in the Pacific Dairy Review:

Jersey Milk From Jersey Cows Only

An important ruling of the California Bureau of Pure Foods and Drugs, which will be strictly enforced in the future, according to statements made by Director E. J. Lea, is of great interest and benefit to the dairy industry and particularly to pure-bred cattle owners. This ruling relates to the use of breed terms, such as Jersey, Guernsey and Holstein. A strict interpretation of the law defines Jersey milk as being produced by pure Jersey cows, that is, cows that come from the Island of Jersey or are pure descendents of such cattle, making them eligible to entry in the Jersey Herd Book. Likewise, similar definitions are given for Guernsey, Holstein and Ayrshire milk. In the past many dairymen have taken advantage of the fact that people prefer milk from certain breeds and have labeled their milk Jersey, Guernsey, Holstein, etc., not-

withstanding the fact that the milk they sold under one of these names was not produced from cows belonging to that breed. It is said that in certain cases the cows were not even "grades" of the particular breeds whose names was used, but were mixed grades of different blood, showing a predominance of some other blood besides that which the milk was labeled. In such a case it is a simple matter of misrepresentation which the pure food authorities do not intend to permit in the future.

It is the belief of many that farms and dairies often misrepresent the facts when they name their places after one of the breeds and then proceed to sell milk which is not from that breed. For instance, a farm might call itself "Jersey Dairy Farm" and then stock said farm with Holstein, Durham and Guernsey grades. The consumer buying "Jersey Dairy Farm" milk is lead to believe that he is being sold Jersey Milk. This would not be a fact unless every cow producing milk on "Jersey Dairy Farm" was a pure bred Jersey cow. This abuse is carried even to the central distributing plants in the big cities.

They might call themselves "Jersey Creamery" and then proceed to buy and sell milk of all kinds, just as is sold by other creameries. The consumer is led to believe he is buying Jersey products which is not true, and being misrepresentation, the Pure Foods and Drugs Bureau means to put a stop to it.

The United States Department of Agriculture and the Experiment Stations have for a long time been trying to increase the low average production of dairy cows in this country, which average is far below the average of other dairy counties. It is said that we are 6,000,000 dairy cattle short. This shortage would be more than made up if the average production could be raised only very little. The only means of increasing this production is by the use of pure-bred sires. Hence there have been launched the "Pure-Bred Sire Campaigns" and they are attempting to put pure bred sires on every farm. This method of improving the dairy stock of the country is known as "grading up," hence the offspring of scrubs and native cows with a pure-bred sire are known as "grades." The ruling of the Bureau of Pure Foods and Drugs is quite in line with the "Pure-Bred Sire Campaign" and it is their purpose to give protection to those farmers who are taking part in this breeding up process as well as those who go to the trouble and expense of maintaining herds of purebred cattle from which to draw the pure-bred sire.

Only those that have pure Jersey cows will be permitted to label their milk "Jersey Milk." Only those that have Grade Jersey cows will be permitted to label their milk "Grade Jersey Milk." Others not having cows falling in one of these groups will not be permitted to use the term "Jersey" because it would be misrepresentation if they did and this the pure food laws do not permit.

This subject is somewhat new and comparatively few are violating the spirit of the law, so the new ruling will not be a hardship on many, but it will be of great help and benefit in building up the herds of the country by encouraging the use of purebred sires in this indirect way, so that its ultimate result, if strictly enforced, will be a benefit to all. The dairymen's herds will improve and the creamery man who buys milk labeled "Jersey Milk" will know that it is Jersey Milk and not grade milk or milk of some other breed, as is the case often now.

It is this question of just what consitiutes a "grade" cow that is giving the food law enforcing officials the most concern. A definition for a grade has not yet been agreed upon by breed authorities, but it is believed that most of them will agree upon fifty per cent. pure blood for the particular breed claimed and that every cow in a herd whose milk is sold under a breed distinction must be the daughter of a purebred sire or dam. If the cows are sired by a pure bred Holstein bull they would be grade Holsteins and the same with Jerseys or Guernseys. The mere fact that a lot of cows are black and white, or carry any characteristics of other breeds should not entitle them to be classed with the particular breed or to their owner to sell milk under the name of a breed.

The following is the view presented by D. O. Brant, of Owensmouth, California, in a later issue of the Review:

THE USE OF BREED NAMES IN MARKETING DAIRY PRODUCTS

Pacific Dairy Review:—In your recent number of the Review I note your recent article entitled "Jersey Milk from Jersey Cows Only," which I read with great interest, as this very subject is one that I have wondered about many times in the past. I have been told that in a certain town in central California there is a dairy that sells "Jersey Milk" yet the herd that produces the milk is made up exclusively by Holstein cows. I see a great many milk wagons on our city streets with "Jersey Milk" written on the side, which I feel quite sure, from my knowledge of that dairy, does not come from Jersey cows or even grade Jersey cows. In the early days before we became acquainted with the Guernsey cow we used to think that Jersey milk was **the** milk,—this state of mind was quite general I believe. But the "Jersey" milk one usually buys now is not far different from just plain ordinary milk—which it most likely is.

I have thought how unfair it was to the dairyman that had real Jersey cows and sold real Jersey milk, to permit every Tom, Dick and Harry to label his ordinary milk "Jersey Milk" just because the real Jersey milk was fine, rich milk, and the kind of milk the consumer wanted and the kind he would buy if he could, just because said Tom, Dick and Harry had difficulty selling his ordinary milk unless he passed it off as "Jersey Milk". I, for one, am certainly glad that the Pure Food Bureau is going to stop this misrepresentation. The poor dairyman has not the time nor the means to protect himself and there is no reason that he should, for it is clearly a duty of the state. But imagine the Standard Oil Company or any other big corporation permitting every Tom, Dick and Harry labeling his oil "Zeroline" or whatever grade the people had been educated to ask for.

The very question came up at the National Dairy Show in connection with the labeling of Guernsey Milk. At that time the president of THE AMERICAN GUERNSEY CATTLE CLUB stated that he would have the matter investigated by the United States pure food officials. Some seemed to think that it must be legal since some creameries, etc., were getting away with it. Evidently it has simply been overlooked in the past or the misrepresentations finally became so gross that it could no longer be ignored.

Last year this writer was interested in a large tract of land in the Antelope Valley which he wished to develop. Having built up a fine trade for real Guernsey milk in the city of Los Angeles he thought that he would stock this cheaper land with cheaper grade Guernsey cattle and thus be able to make a greater profit by selling it as Guernsey milk. The writer did not feel that it was right but felt that it was legal and permissible and there was no reason why he should not carry out this plan. To make sure he applied to the National pure food authorities in Washington and later to the State Pure Food Bureau and the privilege of doing this was very positively denied, so the plan was abandoned.

Nothing further was thought about the matter until the authorities wrote asking for an opinion as to what a definition of "Grade" cattle should be. There was some question as to how much pure blood an animal should have before it could be called a grade Jersey, Guernsey, Holstein, etc. This writer feels very strongly that to help the Department of Agriculture try to increase the production of the dairy cow in this country and to meet the letter of the law it would be necessary for every animal in the herd to have "More than 50 per cent" pure blood of the breed of which it was called a "grade." Fifty per cent. is doubtless sufficient to meet practical purposes but suppose that a pure bred Jersey was bred to a pure bred Holstein,—the offspring would be a grade Jersey and also a grade Holstein and could produce milk in either a dairy producing "Grade Jersey Milk" or "Grade Holstein Milk" which would hardly seem right. It would also be necessary for every animal to carry this much pure blood to be called a "grade" for, if it were only required that 50 per cent. of the blood of the animals that produced that milk be pure, half of the herd might be pure bred Jerseys and the balance scrub cows or cows of some other breed, which would not do. Just as it is now necessary for every cow producing "Jersey milk" to be a Jersey cow so should it be necessary for every cow producing "Grade Jersey Milk" to carry more than 50 per cent. pure blood of the Jersey Breed.

Milk coming from cows that did not, not being allowed to use the term Jersey.

This writer had heard from several breeders of the various breeds since Director Lea's article appeared in your paper and they have all expressed their whole-hearted approval and support to this ruling which is doubtless the feeling of all dairymen that have the best interests of the dairy business at heart. As the article states there are but few that are at present misrepresenting their milk and probably none that will wish to continue doing so after they are notified, still this should not prevent the authorities from putting this matter in the right channel without delay or favoritism and keeping it there in the future. They have the support of the whole country in doing so.

D. O. BRANT

Los Angeles Co., Cal.

SELL YOUR GUERNSEY MILK
under its Christian name
IT PAYS !

OUR NEW CLASS LEADERS

Dairy Maid Queen of Spring Hill 74067, Re-entry 8231

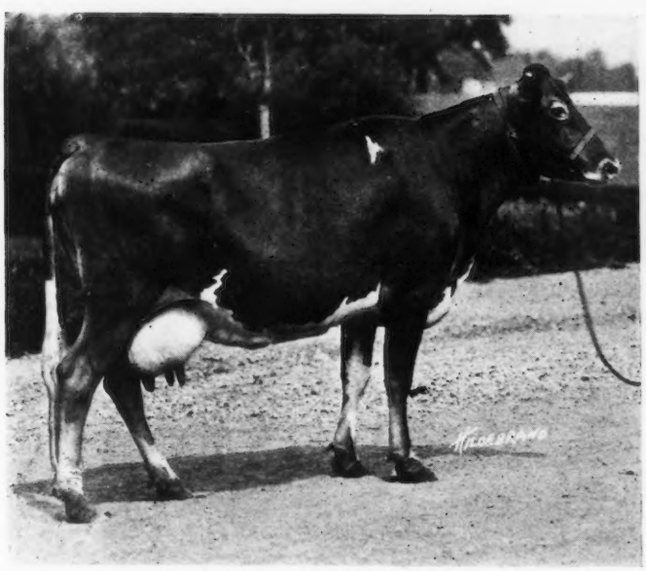
Sixth in Class A

		Milk	Butter Fat	
Sire—Evergreen Sequel 33288 A. R.	1922	Lbs.	%	Lbs.
Sire—Galaxy's Butter Boy 23175	May 16,	772.9	5.20	40.19
Dam—Daisy of Evergreen View Herd	June	1400.1	4.88	68.32
32268 A. R. 8409	July	1557.3	5.48	85.34
Dam—Dairy Maid of Spring Hill 57363	Aug.	1687.2	5.11	86.22
A. R. 8187	Sept.	1699.1	5.43	92.26
Sire—Magnet's Sequel of Keewaydin	Oct.	1666.9	5.76	96.01
22385 A. R.	Nov.	1578.4	5.76	90.92
Dam—Dairy Maid of Keewaydin	Dec.	1498.2	5.57	83.45
38171 A. R. 6534	Jan. '23	1509.3	5.63	84.97
Breeder Wallace Sprang, Lakeville, Ohio	Feb.	1344.3	5.74	77.16
Owner, Myron A. Wick, Chagrin Falls, Ohio	Mar.	1501.4	5.81	87.23
Born Mar. 7, 1917 Calved April 20, 1922.	Apr.	1320.0	6.06	79.99
Served Oct. 22, 1922	May 15,	645.6	6.06	39.12
Requirement for admission 360.00 lbs. fat				
Supervised by Ohio State University	Total	18180.7	5.56	1011.18
4 milkings daily				

Previous record begun as a two year old: 9986.10 lbs. milk, 567.78 lbs. butter fat. Published in Volume XXXIV.

ANOTHER Guernsey cow has made a record exceeding 1000 pounds of butter fat! This makes the seventh Guernsey cow to run her butter fat production into the four figure column.

Her name is Dairy Maid Queen of Spring Hill 74067, and the exact credits for her year's work are 18180.7 pounds of milk and 1011.18 pounds of butter fat, and her average test was 5.56 per cent. She calved at the age of five years and one month, was bred by Wallace Sprang, Lakeville, Ohio, and her record was made by Myron A. Wick, Shuttlewick Farms, Chagrin Falls, Ohio.



DAIRY MAID QUEEN OF SPRING HILL 74067

When this cow started her record, her production was not considered sensational, for an aged Guernsey cow, as she produced 68.32 pounds of butter fat in her first full month. However, she exhibited remarkable persistency, and jumped nearly twenty pounds in her second month. She proceeded to increase her production gradually, until, in her sixth and highest month, she turned out 96.01 pounds of butter fat from 1666.90 pounds of milk! She even produced just a shade under eighty pounds of butter fat in her eleventh month.

It is interesting to note that when she made her class GG record in 1920, which gave her sixth place in that class, her highest month was her tenth, which indicates that she has always been a persistent producer. That record was made by her breeder, Mr. Sprang. The credit for her present record goes to J. H. Gregg, the herdsman at Shuttlewick Farms, whose patience and kindness, together with his skill in handling, have had much to do with her production. Mr. Gregg states that he has handled very few cows of any breed that responded to treatment as this cow has done.

The economy with which she produced this large amount of milk and butter fat is shown by the fact that simple arithmetic proves her to have given over three and one-half pounds of milk for each pound of grain fed to her. Her 8456 quarts of milk were sold at the regular Shuttlewick price of twenty-five cents per quart, which means a return of $2114.00 during her test year.

Realizing the importance of having a calf with every record, this cow was bred in the early part of the year, and shortly after completing her record, she dropped a big healthy bull calf, sired by the Shuttlewick senior herd sire, Itchen King 49803. This young bull will no doubt be retained for a future herd sire, as an outcross on the intensely bred May Rose Guernseys in this herd.

During the year she was under the supervision of official testers for seventy-five days, or about one-fifth of the entire year. This also included sixteen days of constant watch test in February. The test seemed to have very little effect on her physical condition, as she weighed 1150 pounds or about the same at the completion of her test as at the beginning.

This cow comes of a strong old line of good Ohio breeding. One outstanding item in her pedigree is the fact that, before the death of her sire, he left six registered daughters. Five of these have been tested, and four of them have made records that placed them among the Class Leaders at the time the records were made! Quite a good batting average.

OWNER'S STATEMENT OF FEED FOR DAIRY MAID QUEEN OF SPRING HILL 74067

May—8 lbs. daily of the following mixture: 50 lbs. cottonseed meal, 100 lbs. each oil meal, gluten meal and corn meal, 200 lbs. each ground oats and bran, 300 lbs. Distillers' Grains; 6 lbs. silage, 10 lbs. alfalfa.

June—10 lbs. daily same mixture as given in May; 10 lbs. silage, 10 lbs. each green clover and alfalfa.

July—12 lbs. daily same mixture as given in May; 4 lbs. each beet pulp and green clover, 10 lbs. each silage and alfalfa.

Aug.—14 lbs. daily same mixture as given in May; 10 lbs. each silage, green corn and alfalfa.

Sept.—16 lbs. daily of the following mixture: 50 lbs. cottonseed meal, 100 lbs. each oil meal, gluten meal and corn meal, 200 lbs. ground oats, 300 lbs. each bran and Distillers' Grains; 10 lbs. beet pulp, 20 lbs. silage, 27 lbs. roots, 10 lbs. alfalfa.

Oct.—15 lbs. daily of the following mixture: 50 lbs. each cottonseed meal, oil meal and peanut meal, 100 lbs. gluten meal, 200 lbs. each corn meal, ground oats and bran, 300 lbs. Distillers' Grains; 5 lbs. beet pulp, 10 lbs. each silage, roots and alfalfa.

Nov.—Same ration as given in October.

Dec.—Same ration as given in October.

Jan.—14 lbs. daily of the following mixture: 50 lbs. cottonseed meal, 100 lbs. each oil meal, gluten meal, peanut meal and flax seed meal, 200 lbs. each ground oats and bran, 300 lbs. Distillers' Grains; 10 lbs. each beet pulp, silage, roots and alfalfa.

Feb.—14 lbs. daily of the following mixture: 50 lbs. cottonseed meal, 100 lbs. each oil meal, gluten meal, flax seed meal and peanut meal, 200 lbs. bran, 300 lbs. Distillers' Grains, 200 lbs. ground oats; same roughage as January.

Mar.—Same ration as given in January.

Apr.—13 lbs. daily same mixture as given in January; same roughage as January.

May—13 lbs. daily same mixture as given in January; 6 lbs. beet pulp, 10 lbs. each silage, beets and alfalfa.

WISCONSIN DAIRY SPECIAL

B. F. SHERIDAN

READERS of the JOURNAL will remember that a dairy tour through Idaho was made by representatives of the breed associations last summer, as reported in the issue of October 1, 1922. Directly traceable to the effect of that tour was the invitation that was this year sent to Wisconsin dairymen by former Governor Davis of Idaho. The invitation requested Wisconsin dairymen to bring their wares to Idaho for exhibition, so that Idaho farmers could see just what real representative dairy cows are. The case is parallel to that of the drummer who packs his grip with samples and invades a new territory.

A palace stock car was loaded with representative dairy animals and made a railroad tour of scheduled towns in ten different states. The group consisted of six Holsteins, five Guernseys, two Jerseys, one Ayrshire, one Brown Swiss, and two Milking Shorthorns. The Chicago & Northwestern, the Northern Pacific, the Oregon Short Line, and the Union Pacific Railroads contributed invaluable aid, giving publicity and service in order that the most might be accomplished by the train.

A TYPICAL NORTH DAKOTA FARMSTEAD
Hill Crest Dairy Farm, owned by J. M. Cran, Jamestown, North Dakota

Schedules were arranged so as to hold as many meetings as possible during the five weeks taken for the trip. Arrangements and details were worked out and applied by Reid Murray, secretary of the Wisconsin Livestock Breeders' Association. He was assisted by John Robinson, the president of the same organization; Paul Nyhus of the Agricultural Extension Department; and agricultural representatives of the different railroads. Accompanying the Special were representatives of the dairy breeds. C. L. Burlingham, secretary of the Ayrshire Breeders' Association, represented the Scotch cow; B. F. Sheridan, the Guernseys; Mr. Long, of Oregon, the Shorthorns; and Messrs. Oldham, Long, Meyers, Jennings, Mathewson, and Baird, the Holstein breed.

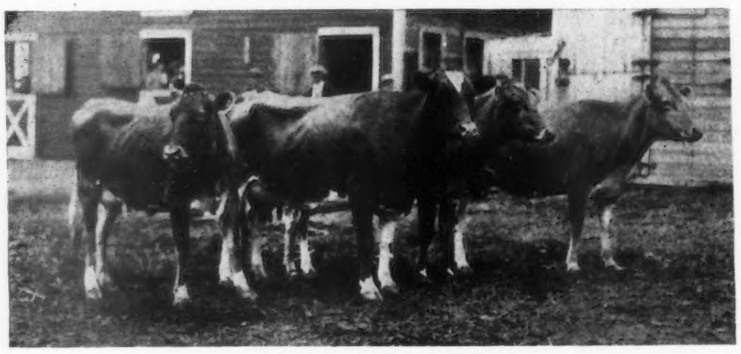
The various states visited co-operated by sending representatives of their agricultural colleges and experiment stations with the Special while it was in their own state. In North Dakota, Governor Nestor and Senator Frasier took part. In Utah, during the entire three day stay of the train, Governor Mabey accompanied the party. In Wyoming, Governor Ross and Senator Warren took an active part. In Idaho, Mr. Shepherd, who is rated as the Governor Hoard of the West, spent some time with the train. Mr. Pierce, General Superintendent of the Union Pacific, had his private car attached for over two weeks, as did General Manager Platt and General Freight Agents Reeves and Brooks.

It was a real Dairy Holiday trip. Demonstrations of the cattle and talks made by those accompanying them were made at over eighty towns and to approximately 45,000 interested people.

Readers of the JOURNAL will be particularly interested in the part the Guernsey exhibit played. A grade cow, loaned by Fred Breitrick, Greenville, Wisconsin, having a C. T. A. record of 415 pounds of butter fat, with a feed cost of $80.63, and a net return of $154.30, was one of the features of the exhibit. She was representative of what it is possible to secure by four crosses of pure bred sires of a scrub foundation. Besides this, she was representative of the kind of a cow that any man, no matter how limited his means, can own and develop. Then we had a yearling bull of excellent type and size, a yearling pure bred heifer, and a very attractive six months' old calf. Guernseys attracted their share of attention everywhere, and in most cases were given the preference. This was evidenced by the list of names of men desiring to purchase foundation stock, which, if totalled up, would result in approximately twenty-five carloads. In spite of the handicap of having one breed absorb over half the time in each town, in order to allow each of its representatives to appear, the one Guernsey representative, with the aid of the good cow, more than broke even in the results obtained.

The West, as in many other places, is keen to the merits of the Guernsey cow. In the evolution from the range cow to the strictly dairy animal, the westerner is giving more than casual consideration to the quality of the product of the animal he chooses. Also he is considering not only the animal that will profitably consume the vast amounts of alfalfa grown there, but he is giving consideration to what return he will get for his roughages and other feeds. Another fact that impresses the western man favorably in regard to the Guernseys is that he is aware of the fact that Guernsey interests have done more to develop a profitable market for the product than have the other breeds.

In summing up the future prospects for Guernseys in the territory covered, it is safe to say that, if suitable cattle can be found, and proper follow-up work applied, Idaho



A NORTH DAKOTA GUERNSEY QUARTET
This group of pioneer grade Guernsey cows was found at the Hill Crest Dairy Farm, Jamestown, North Dakota

and parts of Montana can be made solid Guernsey territory. An incident that was very encouraging to Guernsey fans occurred at Aitken, Minnesota. Leading farmers her expressed a desire to see a carload of pure bred Guernsey bulls brought there and sold at auction. They assured those in charge that the demand for Guernsey bulls would justify such a move.

This faith in the Guernsey bull throughout northern Minnesota is due largely to the herd improvement work done at the experimental station at Grand Rapids, Minnesota, under the direction of Professor O. I. Bergh, as reported in the June 15 issue of the JOURNAL.

In North Dakota, a side trip was made to visit a few herds. It was found that the exceptionally good herd owned by J. M. Cran of Jamestown, not only held all testing records, but that the products are sold to such advantage that it set a high mark for profit.

The bright spot in Montana was at Plains. This fertile valley, through the efforts of E. L. Johnson, a local banker, and Ray C. Smith, a creameryman, is destined to become a Guernsey center of the West. The co-operation these men and other leaders are getting from the community is a marvel in itself. Quality Guernsey products, highest possible return to the producer, and the Guernsey cow, are the predominant influences in this community. At Missoula, Montana, Charles Brown placed an order for five carloads of Guernseys.

In Idaho, Mrs. Minnie Miller's Thousand Springs Guernseys are held up as a shining example, and rightly so. The possibilities of successful Idaho dairying are proven in the farmer-owned herd of Henry Schick, of Buhl, and the same is true of the herd owned by Lester Perry, of Wendall.

In Utah and Wyoming, the Guernsey sentiment has reached such a point that the agricultural colleges are experiencing considerable uneasiness about the absence of representatives of this breed in their herds.

On the return trip, the territory covered after leaving Wyoming was Nebraska and Iowa. One excellent meeting was held in Nebraska, but others were not so well attended, due to the farmers being in the midst of harvest. This condition prompted the promoters to cancel the Iowa schedule.

The Dairy Special was not primarily intended to be accompanied by a selling campaign. It was planned to be of an educational character, and was kept pretty well within those bounds. However, the breed representatives did not seem averse to accepting orders from prospective buyers.

The places visited showed a keen interest in dairying generally, and practically served notice to the dairy world that the West is fast approaching an evolution from the single-crop system to diversified farming, with the dairy cow as the important factor in the new development.

A report of this venture would be incomplete without paying proper tribute to the railroads for the great good they have done through their contribution of time and men and money for the successful carrying out of the schedule. That interest in the stability and future of a locality is worthy of recognition by our dairy people.

IMPORTED VS. NON IMPORTED GUERNSEYS

Little Difference in Production

SOMETIME ago the manager of one of the foremost Guernsey establishments asked us for figures on the average production of imported and American-bred animals. To get some data on this question we have made a study of over 11,000 Advanced Register records. For the benefit of JOURNAL readers the result of our study is presented herewith.

In the table given below the number of records, together with the averages for both imported and non-imported animals, is stated for each class.

These figures indicate that no appreciable superiority is enjoyed by either group. In the single letter classes A and B, it will be seen that the averages for the two groups are almost identical. In classes C and E the imported animals excel, while in classes D, F and G, the non-imported animals possess the advantage.

A similar inconsistency is noted in the comparison of double letter records. In classes AA, DD and GG the imported cows lead, while in the remaining classes the American bred animals hold the honors.

A larger number of records made by imported animals would have added strength to the comparison of double letter records. However, the data are presented with full understanding of limitations.

COMPARISON OF AVERAGE RECORDS FOR IMPORTED AND NON-IMPORTED ANIMALS

	A		B		C		D	
	MILK	FAT	MILK	FAT	MILK	FAT	MILK	FAT
Imported	10594.6	519.38	10064.4	499.27	9819.3	493.43	9255.9	464.50
No.	(740)		(156)		(179)		(253)	
Non-Imported	10544.4	520.41	9958.2	498.44	9604.2	482.56	9328.9	472.31
No.	(2345)		(468)		(593)		(615)	

	E		F		G	
	MILK	FAT	MILK	FAT	MILK	FAT
Imported	8797.8	439.08	8333.0	417.63	7950.5	394.93
No.	(207)		(318)		(357)	
Non-Imported	8653.8	437.28	8429.7	425.92	7957.4	401.36
No.	(762)		(895)		(2284)	

	AA		BB		CC		DD	
	MILK	FAT	MILK	FAT	MILK	FAT	MILK	FAT
Imported	10153.8	503.16	9314.8	454.82	8963.6	458.74	8930.2	454.31
No.	(86)		(23)		(14)		(18)	
Non-Imported	9808.8	487.09	9608.6	482.28	9042.3	459.86	8672.8	441.42
No.	(340)		(95)		(122)		(120)	

	EE		FF		GG	
	MILK	FAT	MILK	FAT	MILK	FAT
Imported	8268.4	405.62	7842.2	394.67	7829.5	395.38
No.	(19)		(28)		(24)	
Non-Imported	8357.4	422.06	8033.6	410.20	7505.8	381.42
No.	(147)		(155)		(273)	

NOTE: These figures are based on a study of over 11,000 A. R. records.

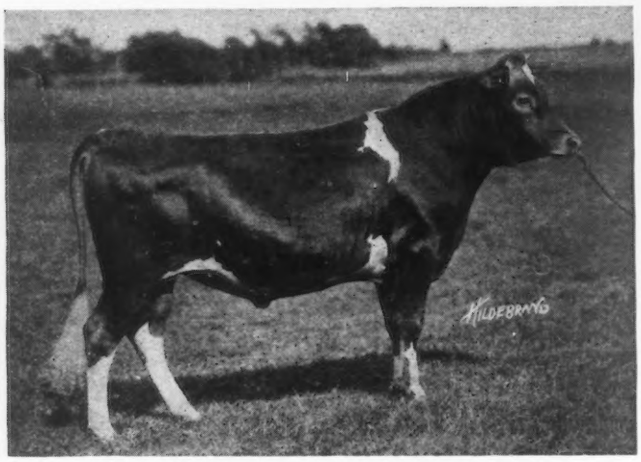
ARGILLA FARM HERD

F. C. WATLEY

ARGILLA FARM, situated about one mile from the quaint old town of Ipswich, twenty-eight miles north of Boston, is one of the many Guernsey breeding establishments which has not as yet come strongly into the lime light. However, it is surely proceeding in that direction in a steady, business-like manner that will leave the name there permanently when it does arrive.

The farm, comprising 120 acres, is owned by Sherburne M. Merrill, a Boston business man, and while the establishment is run with no expectation of great profits neither is it kept as a hobby or a plaything, but it is run in a strictly business-like manner, with Robert McKenzie (who is himself a very enthusiastic Guernsey man) as manager. The neat, well-kept condition of the farm buildings and the farm in general readily convinces the visitor that he is making good.

The herd, which is federal accredited and has never had a reactor, numbers thirty-one females at present (seventeen of which were in milk at the time of my visit, and the milk being sold to the Beverly Hospital), is headed by Langwater Sentinel 44805, a son of Langwater Warrior 26509, and out of Langwater Elegance 68788, who has a record of 16335.5 pounds of milk and 745.79 pounds of butter fat in class A. He was purchased by Mr. Merrill from James Rothwell in 1920, and a look at the splendid lot of youngsters sired by him quickly vindicates Mr. Merrill's judgment and ability as a Guernsey breeder. I was shown a bunch of eight of his daughters and while I am not willing to say that they were the best I ever saw, still they rank with the best as individuals and are as fine a lot as one would see in many a day's travel. The junior herd sire, Proud Warrior's Chief of Argilla Farm 82958, is still a youngster but he is a very fine individual with an excellent top line, a clean-cut masculine head, good heart girth and barrel, and is in every way a very desirable animal. He is sired by Falcon's Proud Warrior 47559, and out of Founder's Cassifide 37578. This cow has a record of 12423.6 pounds of milk and 598.49 pounds of butter fat in class A, and unless some good Guernsey judges are poor prophets his owner can safely bank on the future of this young bull.



PROUD WARRIOR'S CHIEF OF ARGILLA FARM 82958

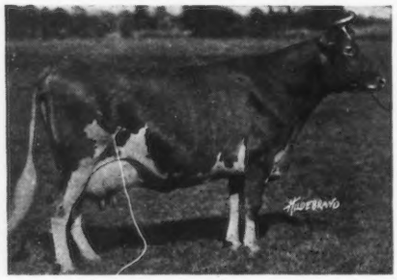
Sire: Falcon's Proud Warrior 47559 Dam: Founder's Cassifide 37578
Breeder: B. Austin Cheney, Litchfield, Connecticut
Owner: S. M. Merrill, Ipswich, Massachusetts

LANGWATER SENTINEL 44805

Sire: Langwater Warrior 26509 Dam: Langwater Elegance 68788
Breeder: F. L. Ames, North Easton, Massachusetts
Owner: S. M. Merrill, Ipswich, Massachusetts

Advanced Register work was begun with the establishment of the herd and while the results so far are not what one would call sensational, yet they are most certainly good and are continually improving. Anna Belle Lee of Rose Bank Farms 81915, completed a record of 10055.2 pounds of milk and 557.51 pounds of butter fat in class D. She is now on retest, and since February 10, 1923 has produced to June 1, 5382.80 pounds of milk and 297.40 pounds of butter fat

THREE GOOD ARGILLA FARM COWS



MARVIA OF ROSE BANK FARMS 81915, A. R. 11048

Record: 8580.40 lbs. of milk; 484.19 lbs. of butter fat, class E
Sire: Grassland's Roll of Honor 18200
Dam: Phyllis Lyons 47388
Breeder: Myron H. Richardson, Littleton, New Hampshire
Owner: S. M. Merrill, Ipswich, Massachusetts

LADY'S ANCHOR'S CREUSA 63103, A. R. 10175

Record: 10521.2 lbs. of milk; 487.65 lbs. of butter fat, class A
Sire: Lady's Anchor 21956
Dam: Prince's Creusa 63101
Breeder: S. C. Hall, Kennebunk, Maine
Owner: S. M. Merrill, Ipswich, Massachusetts

ANNA BELLE LEE OF ROSE BANK FARMS 70467, A. R. 10581

Record: 10055.2 lbs. of milk; 557.51 lbs. of butter fat, class D
Sire: Grassland's Roll of Honor 18200
Dam: Donnington Nancy 46060
Breeder: Myron H. Richardson, Littleton, New Hampshire
Owner: S. M. Merrill, Ipswich, Massachusetts

in class A, and has made retest requirements for the last three months. Marvia of Rose Bank Farms 81915, is now milking about fifty-three pounds per day and is a very good prospect. She has a record of 8580.40 pounds of milk and 484.19 pounds of butter fat in class E, with an average test for the year of 5.64 per cent. Independence of Argilla Farm 112833, began her test December 1, 1922 in class G, and has made to June 1, 5495.10 pounds of milk and 295.67 pounds of butter fat. Several are doing nearly if not quite as well and as the daughters of Langwater Sentinel 44805, come along we expect to see this work strongly bettered.

Among the completed records, in addition to those mentioned above, are the following: Lady Anchor's Creusa 63103, with 14182.9 pounds of milk and 629.65 pounds of butter fat in class A. Alice Lily 83400, with 12695.1 pounds of milk and 520.36 pounds of butter fat in class A, (unofficial); Cynthia of the Maples 52434, with 11305.7 pounds of milk and 559.92 pounds of butter fat in class A, (unofficial). There are several others with good records. While this herd is not phenomenal, all will agree the start is good, and that Argilla Farm is on a good foundation, is making good progress, and entitled to take rank as one of our best representative Guernsey establishments.

OBSERVATIONS ON THE INHERITANCE OF SEX

J. S. CLARK

I HAVE been very much interested lately in reading of certain sires of the different breeds whose progeny were mostly male or female. Last year several of my near neighbors had practically all calves of one sex from their herd bulls. This state of affairs led to a study of the sex of the calves dropped on the Mixter Farm during the past thirty years. It is interesting to note that of the eleven herd sires who had the most progeny we find practically an equal balance, namely; 808 males, compared with 806 female calves. In nearly every case where over fifty progeny were recorded from any one bull, the male and female influence was nearly balanced. Certain bulls would throw all male calves for a period when suddenly the resulting progeny turned out to be a female and we would have heifer calves for several months.

I am unable to give the result of the sex of progeny dropped by Mixter herd sires from cows sold heavy in calf, but from calves dropped on the farm the following list is rather interesting:

	Males	Females
Langwater Demonstrator 16451	154	167
Yeoman's King of the May 17053	145	167
Prince of Groton 9841	120	115
Norfolk Squire 11565	61	58
Dean of the May 21815	66	60
Duke of Waumesit 13480	30	30
Picotte of Hardwick 7384	32	33
Sir Craftsman 7693	34	35
Lucretia's Chief of Waumesit 12385	56	42
Lord Hardwick 2d 5981	91	88
Prince Harry of Topsfield 8736	19	11
	808	806

Eleven bulls had 808 males, 806 females. Twenty-one bulls sired 2130 calves; 1073 females, 1057 males. Thirty-eight bulls sired over 3000 calves and the difference in number between the male and female calves is less than forty in favor of the females. In a great many cases, it is found that a bull will sire a preponderance of animals of one sex for a certain period of time, but if given an opportunity to breed many cows the number of sex of calves will invariably be practically balanced. I have also carefully traced out the progeny from certain foundation cows in the hopes of discovering a line of cows that might breed a majority of heifers.

At the present time, we have ten Advanced Register cows that average just over thirteen and one half years of age. These ten Advanced Register cows all have Advanced Register progeny and are still all in breeding condition. Several of these cows will be entered again on Advanced Register test as old matrons, providing nothing prevents.

It is interesting to note that to date these ten females have given birth to ninety-eight live calves. The number of progeny as regards sex is practically balanced: forty-eight males and fifty females. In studying the performance of a cow that has been a great heifer breeder, we find that for one or two generations the results have been very encouraging. There would be a great majority of heifer calves produced, but in every case that I have studied, I found that in the third or fourth generation many more bull calves were dropped than heifers from the descendants of cows bearing female progeny. In comparing the number of calves dropped from year to year on our own farms, we find that while we have from about 125 to 175 calvings in a year, there is practically no difference year by year between the number of males and females born. Along this line, it is interesting to record that we have raised five twin heifers with bulls. In every case, the heifer has proven a non-breeder, and in all five cases the heifer showed absolutely no signs of fully formed female generative organs. In four out of the five cases, the males have been sure breeders and the last male is as yet a rather young bull and has not been bred to a female to date. Another rather interesting result pertaining to twin calves is the case of a bull sold by us who had four sets of twins from the first four cows he served. Later the bull was bred to sixty or seventy cows and has never again sired a twin.

These figures and studies have been made only from one farm, but as they cover nearly thirty years of accurate records including over 3000 calvings, some little idea can be gained regarding the average experience one should expect in getting an equal division of male and female progeny.

It is impossible to study the different herd books of the dairy or beef breeds and gather reliable data on this subject as many calves dropped are neither registered nor recorded. Year after year a bull may sire more progeny of one sex than the other if a small number only be considerd, but I have come to the natural conclusion that in many numbers nature will balance this sex equation in her own way.

How Many Advanced Register Daughters has Governor of the Chene 1297 P. S.?

The April Quarterly, just off the press, will tell you

SUBSCRIPTION—$5.00 PER YEAR

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SEPTEMBER 1, 1923

THE BEST POLICY, AFTER ALL

One of our old copy-book maxims, and one which rolled off the tongue so easily that even the school dunce could repeat it backwards, was "Honesty is the best policy." Some of the second-graders could repeat that little story with the big lesson even before they could understand the real meaning of the expression. It was ground into them so thoroughly from the time they could first scrawl it on paper with a chewed-up pencil that they remembered it years afterward, even after the time that they were grown up, and, supposedly, putting it into practice. Most of them, we hope and believe, did practice the teaching of these carefully written phrases.

They were taught by a lean, gaunt, fierce individual with rusty clothes and a strong hand, feared then, and lovingly remembered now,—the old schoolmaster. Once a year, generally just before the dreaded final exams, he gave us a lecture on the subject, fraught with possibilities of a dire and terrible punishment for those who disobeyed its lessons, and threaded with a sheen of lustrous color for those who rigidly followed the tenets of "Honesty is the best policy." Woe unto him who disregarded the principle,—and got caught. And a Puritanical sort of self-satisfaction to the lad or lass who passed in his paper with a clear conscience. The Power that presided at the altar of knowledge had an eye that was deceived by not even the most skillful of cribbing or pony-reading. The exception to the rule that the Young America of that day were passing their studies by virtue of their knowledge was sent home in disgrace,—if he got caught,—the palm of his hand or the backs of his knuckles tingling red. (Another old adage—"Spare the rod and spoil the child.")

They grew up.—these products of all the little red schoolhouses and the improved city schools and the private tutors. They took their places in what we call society, and found their callings in one of the many available occupations of mankind. Some became professional men, some became business men, and some became farmers. Most of them remembered their copy-book maxims, and put them into practice. But a few, and fortunately for the science of livestock breeding, a very, very few, forgot or ignored the lessons of the days when the rod ruled their lives.

Dishonesty is not limited to downright criminality. A man may only be "tricky," or known as a "shady worker," but if his actual intentions are not to conduct a strictly straight deal, he does not come within the class of strictly honest men. The camera, for instance, is an honest instrument, and when its resulting print is not doctored by man, it never lies. There are possibly occasions when a photograph will not do justice to an animal, and on these few occasions, it is probably fair and just and honest to have the photographer do a little job of re-touching. But if an animal has definite faults in his conformation, and orders are given to paint out these faults, or to alter the photograph in any way that will deceive the eye, the man who ordered the job done is not playing the game square,—honesty is not his policy.

By masquerading the photograph so that a faulty animal appears close to perfect, the owner is making a false statement. Of course, its ill effects may not be so far-reaching, and may not constitute actual perjury, such as is embodied on a false birth report or a false statement on a herd register application. However, the picture tells a story that is not true. History has shown what happens to the man who deliberately falsifies his reports to the CLUB. His days of pure bred cattle breeding are very shortly numbered. What a pity that the fear of getting caught and punished often has a stronger influence than the genuine desire and determination to play a square game!

Looking at the question from all angles, can it be truthfully denied that honest practices pay best in the long run? Can even a temporary gain offset the loss of reputation that is inevitable? Many of our breeders can remember the time when only very lucky men or very good judges of cattle dared to buy cattle at auction. Even today there are occasional cases of dishonest claims for animals that are put up for sale. But the general trend is towards the clean sale, and it is no longer a risky business for an ordinary farmer to attend an auction sale of pure bred cattle. There are many chances for improvement even yet, but on the whole, the sale game is becoming safe and sane. Reputable sales managers and auctioneers, and the local breed associations are all doing their bit to establish confidence in the modern sale ring.

It is high time for the agricultural press to take a decided stand on questions of dishonest practice. A contemporary publication had an opportunity to sidestep the issue the other day, and in order that credit may be given where credit is due, we are quoting a recent editorial in the Holstein-Friesian World, one of the national publications of the Black and White breed.

A subscriber strongly censured the publication because it made no effort to cloak low sale averages in deceit by neglecting to report them. His stand was that only the high averages should be reported, or that the top prices should be mentioned, and "let it go at that." His communication closed with the observation that "propaganda is what we need now, and plenty of it!" This would be a fairly easy way to get around a low-priced sale, but we believe the opinion of the great majority of straight breeders and advocates of pure bred dairy cattle is expressed in the editorial reply, contained in a recent issue of the Holstein-Friesian World:

"Propaganda has come to play an important part in many large undertakings, but unless it has a firm foundation of fact to back it up, it is of little permanent value. The facts may be disagreeable but if our industry cannot stand it to hear the truth about itself, we are on a pretty insecure foundation. We have been proceeding on the theory that it was information our breeders wanted concerning the Holstein market, rather than partial reports which were more optimistic than the facts might warrant.

"We believe that the furnishing of accurate, reliable, and complete information on the Holstein market is one of the most important functions of a publication like the WORLD. While it is not necessary to shout from the housetops about low sale averages, our breeders are entitled to the facts, which should include, of course, any extenuating circumstances in relation to those low prices. In other words, the sale reports should present the facts in such a way that our breeders can draw as accurate conclusions as possible concerning the actual state of the Holstein market.

"There is another feature in this connection that is worth discussing. If sale reports are made to read more optimistic than

the facts warrant those breeders who may have attended the sales and are in full possession of the facts would recognize them as attempts to color the news and they would immediately and logically reach the conclusion that other reports were similarly colored and every statement as to conditions in the industry would be taken with a grain of salt. In the aggregate, such a feeling would be disastrous from the standpoint of the publication, and would be harmful, likewise, from the standpoint or bringing about more stable and satisfactory conditions in the industry."

Public opinion dictates that after all, "honesty is the best policy."

ANOTHER GOOD IDEA

It has been stated before in these columns that the Guernsey breeders themselves constitute the greatest single force in a breed extension program, through their efforts in their immediate vicinities. This has been demonstrated time and again at fairs and local shows, where the public gathers, as well as in the private enterprise of individual breeders.

Calf clubs, of course, form one of the fertile fields for Guernsey propaganda, especially when the members are mostly owners of Guernsey calves. When a group of breeders actively back a campaign for the formation of a Guernsey calf club, they are insuring themselves against crop failure,—the crop being the Guernsey breeders' crop. It is unlikely that the breed will lose out in a community where it is once established, of course, but there is a certain satisfaction in seeing a crop of enthusiastic young breeders coming along. The breed will always be popular in a community which boasts of some Guernsey calf club members.

Now comes Montgomery County, Pennsylvania, in an active program of enrolling Guernsey calf club members. The campaign is backed by the County Farm Bureau and the local Guernsey breeders. This fact in itself is not uncommon, but the direct appeal which they make is quite noticeable. A small folder has been sent to a number of boys and girls in the county, and the cover page shouts that "THE MONTGOMERY COUNTY GUERNSEY CALF CLUB WILL INTEREST YOU."

The introduction to the pamphlet itself reads as follows:

"The Farm Bureau of Montgomery County, and a few Guernsey breeders, want to start a Guernsey Calf Club, and would like to have about twenty boys and girls become interested in Guernseys and join the CLUB.

"The Guernsey breeders think the Guernsey cow is the ideal dairy cow and the most profitable cow to own."

Then follow the reasons which make her the ideal animal. Attention is also called to facts about Pennsylvania Guernseys, appealing to the State loyalty of the boys and girls.

There is not the slightest doubt that the future Montgomery County Guernsey Calf Club will be a success, and if the young folks care for their calves with the same energy that is displayed by the breeders and the Farm Bureau in helping them to organize a Club, Montgomery County is going to produce some more record cows.

WARNING OF CLOSING DATES

Entries in the cattle classes at the National Dairy Exposition close on Saturday, September 15. Exhibitors who are planning to show at the Exposition must have their entries in the mail not later than that date. All entries are checked up by the various breed associations and are then catalogued before the opening of the Exposition on October 5. This makes it imperative that entries be mailed by the closing date.

Exhibitors who have not secured the prize list and entry form can secure them by addressing the National Dairy Association at Syracuse.

A total of $30,700 is offered in prizes for cattle at the Exposition, $5240 of which is offered for Guernseys, besides prizes of $850 for grade Guernseys. Calf club entries will also close on September 15.

CORRECTION

On page 110 of the August 1 issue of the JOURNAL, we erroneously stated that the average price received for the females sold in the 1923 Ohio State Guaranty Sale was $230. Field Secretary Barlow informs us that the correct figure is $280, which makes quite a difference.

THE COVER CUT

Our cover cut for this issue of the JOURNAL reveals a pasture scene on Annandale Farm, Mt. Kisco, New York, owned by Moses Taylor.

SALES AND MEETINGS

Sept. 1. Dispersal Sale of the Federal Accredited Herd of grade Guernseys owned by P. M. Swartzendruber, Wellman, Iowa.
Sept. 1-8. Minnesota State Fair, Hamline, Minnesota.
Sept. 1-9. California State Fair, Sacramento, California.
Sept. 2-7. Nebraska State Fair and Exposition, Lincoln, Nebraska.
Sept. 3-6, Inc. New England Fair, Worcester, Massachusetts.
Sept. 3-7. Central Wisconsin State Fair, Grand Rapids, Wisconsin.
Sept. 3-8. West Virginia State Fair, Wheeling, West Virginia.
Sept. 3-8. Indiana State Fair, Indianapolis, Indiana.
Sept. 3-8. Connecticut State Fair, Hartford, Connecticut.
Sept. 3-8, Inc. Maryland State Fair, Timonium, Maryland.
Sept. 3-8, Inc. Spokane Interstate Fair and Live Stock Show, Spokane, Washington.
Sept. 5. California Guernsey Breeders' Meeting at Sacramento, California.
Sept. 8. North Westchester Horse and Cattle Show, Annandale Farm, Mt. Kisco, New York, Wm. Barclay, Manager.
Sept. 10. Third Annual Consignment Sale of the Cayuga Guernsey Cattle Club, Auburn, New York. For catalogues write Ray H. Alexander, Union Springs, New York.
Sept. 10-14. South Dakota State Fair, Huron, South Dakota.
Sept. 10-14, Inc. Kankakee Inter-State Fair, Kankakee, Illinois.
Sept. 10-15. Kansas Free Fair, Topeka, Kansas.
Sept. 10-15. Kentucky State Fair, Louisville, Kentucky.
Sept. 10-15. New York State Fair, Syracuse, New York.
Sept. 11-14. Vermont Agricultural Fair, White River Junction, Vermont.
Sept. 11-15, Inc. Lewiston-Clarkson Tri-State Fair, Lewiston, Idaho.
Sept. 12. Dispersal Sale of John Witschi herd of pure bred Guernseys, Mansfield, Ohio. Sale to be held at Richland County Fair Grounds.
Sept. 13-15, Inc. Far Hills Fair, Far Hills, New Jersey.
Sept. 15-21. Kansas State Fair, Hutchinson, Kansas.
Sept. 16-22, Inc. Eastern States Exposition, Springfield, Massachusetts.
Sept. 17-22, Inc. Washington State Fair, Yakima, Washington.
Sept. 17-22. Tennessee State Fair, Nashville, Tennessee.
Sept. 20-22, Inc. Morris County Fair, Morristown, New Jersey.
Sept. 22-29. Memphis Tri-State Fair, Memphis, Tennessee.
Sept. 24-29. Trenton Fair, Trenton, New Jersey.
Sept. 24-29. Colorado State Fair, Pueblo, Colorado.
Sept. 24-29, Inc. Oregon State Fair, Salem, Oregon.
Sept. 24-30. Fourteenth Annual Dairy Cattle Congress, Waterloo, Iowa. H. H. Kildee, Judge. Guernsey Days, September 26 and 27.
Sept. 25-29, Inc. Montana State Fair, Helena, Montana.
Sept. 22. Dispersal Sale, Federal Accredited Herd of 65 herd of pure bred Guernseys owned by W. J. Brown, Peaceful Vista Farm, Redford, Michigan. L. F. Herrick, Sale Manager.
Sept. 27. Louis Merryman's Semi-Annual Sale, Timonium, Maryland.
Oct. 1-6. Utah State Fair, Salt Lake City, Utah.
Oct. 1-6. Virginia State Fair, Richmond, Virginia.
Oct. 1-6, Inc. Oklahoma Free Fair, Muskogee, Oklahoma.
Oct. 2 and 3. World's Dairy Congress, Washington, D. C.
Oct. 2-6, Inc. Oregon Interstate Fair, Prineville, Oregon.
Oct. 2-6, Inc. Brockton Fair, Brockton, Massachusetts.
Oct. 3. Washington Guernsey Breeders' Meeting at Puyallup, Washington.
Oct 4. World's Dairy Congress, Philadelphia, Pennsylvania.
Oct. 5-10 Inc. World's Dairy Congress, Syracuse, New York.
Oct. 5-13, Inc. National Dairy Exposition, Syracuse, New York. Robert Scoville, Taconic, Connecticut, Judge, and L. V. Wilson, St. Paul, Minnesota, Associate. Guernsey Days, October 11 and 12.
Oct. 6-13. Georgia Southeastern Fair, Atlanta, Georgia.
Oct. 8-13. Arkansas State Fair, Little Rock, Arkansas.
Oct. 10. Washington Guernsey Breeders' Meeting at Riverside, Washington.
Oct. 13-28. Texas State Fair, Dallas, Texas.
Oct. 15-20. North Carolina State Fair, Raleigh, North Carolina.
Oct. 15-20. Mississippi State Fair, Jackson, Mississippi.
Oct. 16. Reedshurst Farm Sale, Wilson, Pennsylvania.
Oct. 16-19, Inc. Chowan Agricultural and Industrial Fair, Edenton, North Carolina.
Oct. 18. Dispersal Sale, H. E. Angel, Mabton, Washington.
Oct. 18-28. Louisiana State Fair, Shreveport, Louisiana.
Oct. 19. Dispersal Sale, Wallace & Fordyce, Sunnyside, Washington.
Oct. 22-27. South Carolina State Fair, Columbia, South Carolina.
Nov. 3-10, Inc. Thirteenth Annual Pacific International Livestock Exposition, Portland, Oregon. O. M. Plummer, Secretary-General Manager, Portland, Oregon.
Nov. 7. Western Guernsey Breeders' Sale at the Pacific International Stock Show, Portland, Oregon.
Dec. 27. Annual Sale at the Goldmead Farm, owned by Spillers and Worch, Versailles, Ohio.

THE VALUE OF THE BLOOD TEST IN THE CONTROL OF BOVINE INFECTIOUS ABORTION

DR. GEORGE M. POTTER

THE writer was called upon recently to undertake the treatment of a herd in which an outbreak of infectious abortion had made its appearance. For the purpose of this article the herd will be known as Herd A., Portland, Maine. The first step taken was to draw samples of blood and have them submitted to the agglutination test to determine the extent of the disease in the herd and learn which animals were harboring the infection. There is always the tendency to try to find other causes than the infection of abortion disease to account for breeding troubles and the test aids in establishing the true condition. A report on the test was received in due time, and a study was then made of the herd records to learn the breeding history of the individual animals. The reactions to the test corresponds so closely with the records of the animals in health and disease that it prompted the writing of this article. Acknowledgement is made to the Bureau of Animal Industry, Washington, D. C., for performing the blood test.

A table was prepared, listing the animals as they stood in the stable, and their ages and the number of calves produced by each were recorded. Opposite the name of each animal was entered its reaction to the test. The breeding record, both good and bad, was obtained from the records and the herdsman's knowledge of the cows. The breeding efficiency of each cow was then calculated, the number of living offspring being checked against the number of calves that she might reasonably be expected to have had within her reproductive period. Finally, the value of each animal as a producer of milk was entered. This last was done because the relative value of a cow might influence the decision as to her final disposition. A discussion of these various factors will be given following the table.

Disease Record

A study of this table shows that there were nine positive reactions, namely: Nos. 2, 3, 10, 12, 27, 28, 32, and 34, and 22 gave a questionable reaction. All of these aborted or gave birth to weaklings that died shortly after birth. Nos. 4, 20 and 33 gave only traces of a reaction. Four and 20 gave no evidence of trouble but 33 comes within a group that will be discussed later. It will be seen that the positive and questionable reactions were borne out by the histories of the respective animals, obtained after the results of the test had been received.

There were twenty-two negative reactions. These, however, were not all so conclusive for several of the cows reacting negatively aborted or had difficulties of various kinds. Therein lies one of the limitations of the test of which present knowledge does not permit a satisfactory explanation. No. 1 gave birth to a dead calf and No. 8 had difficulty in breeding and her calves were poor. There also appear in this group two related families which furnish more than one half of the breeding difficulties of the herd. They are highly inbred and various weaknesses developed by this process may have been accentuated by the infection of abortion disease. Some of these animals reacted while others did not.

The family which we will designate Family X is represented by half sisters, Nos. 7 and 17 and their offspring. Reference to the table will show that No. 7 is an aborter and has other weaknesses. A daughter, No. 29, is unthrifty and is affected with abscesses. She is a difficult breeder and her calf was born dead. Neither No. 7 nor her offspring in the herd have given positive reactions. In fairness to her, however, we must state that she has one good daughter in the herd and a son in another herd is a prolific sire. No. 17 is also an aborter and mother of an aborter but gives a negative reaction. Her daughter, No. 27, aborted and gave a positive reaction and another daughter, No. 33, which gave a trace of reaction has been dry for a year and is now foundered.

1	8	?1	–	First calf born dead.	50%	Fair
2	4	1	*	Aborted June 20, 1923.	50%	Fair
3	4	0	*	Aborted twice. First aborter in recent outbreak. Introduced new strain of infection.	0%	Fair
4	3	1	–		100%	Good
5	5	?	–	Recently bought.		Good*
6	7	?3	–		100%	Good*
7	11	8	–	Aborted at 3 yrs. Udder fleshy, gargety. Attacks simulating milk fever at various periods during lactation. 1 weak calf died of pneumonia.	80%	Good*
8	7	3	–	Difficult breeder. 1 poor and 2 fair calves. Suffered from bloat and indigestion.	33%	Fair
9	9	5	–		100%	Good
10	9	?3	*	1 abortion. Hard breeder before aborting.	50%	Good
11	11	?4	–	Difficult calving and dead calf, milk fever twice, gargety and lost 1 quarter, two eversions of uterus.	50%	N. G.
12	4	1	*	Premature calf died.	50%	Good
13	6	5	–		100%	Good**
14	8	5	–	Garget in one quarter	100%	Good
15	11	?2	–	Difficult breeder, garget and milk fever following forcing for record.	75%	Good*
16	7	?	–	2 weak calves died. Milk fever.	0%	Fair
17	12	?	–	2 abortions	0%	Fair
18	3	1	–		100%	Good
19	3	1	–		100%	Good
20	3	1	–		100%	Good
21	3	1	–		100%	Good
22	3	0	?	Weak calf died.	0%	Fair
23	3	1	–	Calf born weak but grew out.	100%	Good
24	3	1	–		100%	Fair
25	2	1	–		100%	Fair
26	17	?2	–		100%	?
27	2	0	*	1 abortion and retained afterbirth.	0%	Fair
28	–2	0	*	Abortion and retained afterbirth. Dried off.	0%	
29	3	0	–	Difficult breeder. 1 weak calf died. Several abscesses. Unprofitable.	0%	N. G.
30	2		–	Bred heifer.		
31	2		–	Bred heifer.		
32	2	0	*	1 premature calf died 24 hours.	0%	?
33	6	2	–	Dry—not bred for year—foundered.	66%	Good
34	3	1	*	1st calf born dead: afraid would abort 2nd but it was born strong.	50%	Good
35	3	1	–	Small producer.	100%	?
36			–	Bull.		

Breeding Efficiency of the herd 61%

Family Y is represented by Nos. 10 and 11 and their offspring. These two cows are also half sisters and are sired by a brother of No. 7. No. 10 aborted and gave a positive reaction while No. 11 gave birth to a dead calf but gave a negative reaction. She has one good record of production but her bad disease record makes her of doubtful value as a breeder. She is now in bad condition. A daughter, No. 20, gave a trace of reaction but her calf was apparently helathy and she is classed as a good producer.

Three out of four of the aged cows that comprise this group have reacted negatively although they have aborted. This failure of aged cows to react has been observed before but though we cannot assign a reason, we must not ignore their records in estimating their part in maintaining the disease in the herd. These cows are of a popular family and have good producers. They are interesting because of their mingled strength and weakness. Their breeders, in striving to intensify certain desirable qualities, have also imposed weaknesses. All are familiar with the idea that breeding animals are judged by their progeny. This is no less true in the transmission of tendencies of susceptibility and resistence to disease than in the transmission of other qualities. It may be that the weaknesses had not yet manifested themselves in the ancestors but it is doubtful whether the breeders considered that factor; they were looking only to the pedigree. These families are related through the male line, the sire of 10 and 11 being the brother of 7. He had a desirable pedigree but is said to have been a weakling and appears to have transmitted some of his weaknesses. Investigations have shown that bulls do not frequently harbor the infection of abortion disease, nevertheless, they may transmit the tendency and breeders must look for strength and freedom from disease in the male as well as the female line.

Fortunately there is another side to the picture. Studies reveal that there may be strong families that do not readily abort in spite of the presence of the infection. This may not be adequately shown in a single study but we and others have observed the tendency. This resistance to disease is demonstrated by negative evidence and a longer period is necessary for determining this quality. The cows do not abort but continue to produce healthy offspring at regular intervals. We seem to have such a family in the herd under consideration. No. 26 was bought at an advanced age because she has consistently produced healthy calves of considerable worth. She is the mother of a fine bull calf which is being kept for a future herd sire. She is also the mother of 13, a very persistent breeder and a heavy producer as the record shows. This resistence is only a relative quality, however, and we may not presume too much upon it. Prolonged exposure or unfavorable treatment may lower the stamina of an animal to the point where infection takes place and disaster results. Two daughters of 13, Nos. 2 and 12, have aborted, following close contact with aborters.

Another factor appears in the study. No. 15 is a good cow, but in a test where she was being forced for a record she was made sick by injudicious handling. The owner must do his part as well as the cow if the greatest efficiency is to be maintained.

No. 16 was bought because of her pedigree. She has produced nothing but weakling calves that have died, and her weakness will cause her elimination from the herd. No. 3 is said to have been the first aborter in the recent outbreak, introducing a new and virulent strain of infection.

This study is given because it is typical of the common experience and exemplifies the problems that the breeder must consider. Last year the breeding efficiency of the herd was high. Infection had been introduced and a few abortions had occurred. The aborting cows had been handled in a perfunctory way and adequate precautions had not been taken. A severe outbreak is the logical result. The survey shows that this year a material lowering of herd efficiency has occurred and only a thorough going system and careful handling will restore that efficiency.

To summarize: All positive reactors to the blood test for abortion disease have aborted or given other evidence of the disease. Some that gave negative reactions also aborted.

Certain families seem to manifest a tendency to susceptibility to the infection of abortion disease while others are relatively resistent.

In an aborting herd, efficiency can be restored only by taking into consideration all of the factors, breeding to eliminate the weaknesses and establishing a thorough going system of herd management that will limit the infection.

It will be very interesting to watch the progress of events in this herd.

George M. Potter, D. V. M.
Portland, Maine

A COMPARISON OF ROUGHAGES FOR MILK PRODUCTION

McCANDLISH AND WEAVER

A RECENT study at the Iowa Station, by Professor A. C. McCandlish and Earl Weaver, resulted rather disastrously for some particular feeds. Some farmers who have been pinning this faith to timothy, hay and corn fodder will see a lesson in this experiment. The trials reported here appear to indicate that:

1. The use of corn fodder instead of corn silage reduces milk production six per cent. and fat production three per cent.

2. When the value of dry matter in silage was worth sixty-six cents per 100 pounds that in corn fodder was worth thirty-two and half cents.

3. With silage valued at $4.50 per ton, an acre of corn yielding eight tons of green feed and converted into silage will yield $36.00 worth of feed, whereas, if converted into fodder the value of the crop will be reduced to $16.21 per acre.

4. When timothy hay is used to replace alfalfa hay in a good dairy ration the production of milk and butter fat is reduced seven per cent.

5. With alfalfa hay at $15.00 per ton, timothy hay is worth eighty-six cents per ton for feeding producing cows.

6. Whe corn fodder and timothy hay are introduced in a ration in place of corn silage and alfalfa hay there is a decrease of eighteen per cent. in milk and fourteen per cent. in fat production.

7. When the two poor roughages, corn fodder and timothy hay, are fed together, this combination gives to them a slightly higher value individually than where one is fed with a good roughage, but good production or economical returns from the feeds can not be obtained.

8. Corn silage and a legume hay (alfalfa) are the best roughages for dairy cattle, while corn fodder and timothy hay are poor.

9. If the corn crop is all to be fed to the cows it should be put in the silo. On the dairy farm hays such as timothy should be sold and legume hays purchased in their stead.

DIXIE NEWS NOTES

Newberry County Bull Association Meeting

THE answer to how an agricultural community may best help itself was very conclusively demonstrated on Friday, July 27, at Young's Grove near Prosperity, South Carolina, and further demonstrated the paternal spirit developed through local organization for the purpose of expanding the agricultural interests of a community. In this case it happened to be a bull association as the nucleus. Under the auspices of the Prosperity Guernsey Bull Association and on the occasion of its annual meeting 400 farmers, their wives, daughters and sons left the plow stand in the field; turned the mules in the pasture and with well filled baskets of such rare bits as are found only in the farm home gathered at Young's Grove, either as members of that association or its invited guests.

The Prosperity Community is one of those favored sections of South Carolina. It is populated by white farmers who own their own farms and delight in personally working the land—the so-called small white landowner who does his own work and on whom the eventual prosperity of the state rests. They are a home loving people and are very neighborly. To them, picnics and barbeques are are no new festivity. Those events have been the order for years. It is a time of pleasant associations, exchange of ideas and through a program in which representatives of the State College of Agriculture have a part they seek new and more progressive ideas. And Young's Grove is a community symbol for one of those good times.

The little oak grove is a delightful place for such a gathering. It is located on one of the main top soil highways one mile from Prosperity. The mere looks and location of the grove betokens a community center. On one side is the long barbeque pit. ice cream stand and barbeque tables, all covered in case of rain. Farther into and near the center of the grove in a dense shade is located the speaker's stand and seats for the audience. It has every suggestion of a place to enjoy a day's outing and in a cool refreshing spot even in the heat of summer.

About 9.30 the crowd began to gather. They came in automobiles, wagons, and buggies from all sections of the Southeastern part of Newberry County. Townspeople were present representing all businesses and by eleven o'clock sharp the program got under way.

Dr. N. E. Winters, in charge of the Boll Weevil Laboratory at Florence, South Carolina, was first on the morning program. In his clear, concise and impressive way, Dr. Winters presented his subject of, "Better Soils and Boll Weevil Control." "No prosperity can be possible for the southern farmer without more profitable crop production coupled with systematic and orderly marketing," said Dr. Winters. He illustrated his points by an ingenious system of charts showing the results of actual experiments. In his remarks on boll weevil control he brought out very forcibly the value of an experiment with check plots in determining the validity of any new method of boll weevil control. One of his illustrations of this point was the infestation of two fields used in experimental work. "At one time," he stated, "field number one had a seventy-three per cent. infestion of weevil while field number two had an infestion of only seven per cent. Neither one had been treated. "Suppose," he continued, "that some new remedy had been used on field number two. The sponser of the new remedy would have sworn his remedy did it." He stressed the point that the station was established for the good of the farmer and was interested in nothing but the truth."

Following Dr. Winter's talk an hour was taken for dinner.

In the afternoon J. H. McLean, of the United States Department of Agriculture, spoke on "Dairying in the South." His frequent illusion to the little farm incidents appealed to the humorous sense of his hearers as well as impressing them with Mr. McLean's practical knowledge as a dairyman.

S. L. Jeffords, forage crop and pasture specialist from Clemson College, gave an interesting and instructive talk on better pastures for that section, illustrating his remarks by grass samples found in the community.

W. E. Wintermeyer of the United States Department of Agriculture created more enthusiasm in the bull association members by citing remarkable results being obtained in other associations bearing out these facts by calling attention to the typy Guernsey calves resulting by the use of pure bred bulls in the local association.

C. G. Cushman, extension dairyman of Clemson College and T. M. Mills, County Agent, explained briefly the County Agricultural program based on the "Cow, Hog and Hen" recently adopted. This program was frequently referred to throughout the program showing its unanimous approval by the speakers of various lines.

The crowd then inspected one of the association bulls and two of his daughters which were brought to the grounds by the association members. The picnic broke up at five o'clock after a full day of recreation and instruction.

Merryman Sells Herd Sire

WE wish to announce the sale of the nine year old Guernsey bull, Rutila's Patient King 32114. He was sired by Rutila's May King of Linda Vista 17945, sire of three Advanced Register daughters with records of 734 pounds of butter fat in class AA, 629 pounds of butter fat in class B, and 614 pounds of butter fat in class C. Among them is the great cow Cora of Gerar 48309.

Rutila's Patient King 32114, is the sire of six tested daughters, with records as follows:

Gerar Juliana 71194, A. R. 7986, 8687.20 pounds of milk, 461.19 pounds of butter fat, class F.

Rutilia's Ultra Rose 67268, A. R. 10957, 9402.90 pounds of milk, 593.11 pounds of butter fat, class B.

Gerar Kitty 87569, A. R. 10987, 11418.0 pounds of milk, 617.93 pounds of butter fat, class GG.

Gerar Molly 80035, A. R. 12186, 9346.20 pounds of milk, 481.37 pounds of butter fat, class D.

Gerar Richmond 80034, A. R. 12675, 7826.40 pounds of milk 461.17 pounds of butter fat, class D.

Gerar Rose 75987, A. R. 12892, 9384.90 pounds of milk, 533.23 pounds of butter fat, class B.

Rutila's Patient King 32114 goes to head the Homestead Farm Herd at Salisbury, Maryland, the property of Senator Wm. P. Jackson.

W. A. Simpkins, the manager, is well posted on the handling of Guernsey milk and the sale of the milk at a special price is going well.

I recently selected one bull and four heifers for the government of Porto Rico. These cattle have been passed by N. H. Fohrman of the Dairy Division of the United States Department of Agriculture and are now on the high seas.

The bull came from Maple Shade Farm, the home of M. T. Phillips, at Pomeroy, Pennsylvania. The bull was by that extremely well bred young sire, Gerar Pearl's Royal 58411, that Mr. Phillips had the misfortune to lose recently.

Three of the heifers came from Overbrook Farm, H. B. Getty, proprietor, New Windsor, Maryland. Mr. Getty was the secretary of the first bull club in America and it is fitting that he should be one of the first exporters to Porto Rico. One of the heifers was by Gerar Gold 53348, a son of Brown Eyes of Anna Dean Farm 46952, that has a record of 13908.6 pounds of milk and 836.48 pounds of butter fat, and the other two were by Mr. Getty's young sire, Wrangler of Overbrook Farm 57207, whose daughters promise exceedingly well.

The fourth heifer was sold by Louis McL. Merryman, Jr., and was sired by Mary Jane Royal 70247, the last calf of Mary Jane of Gerar 17013.

—Louis McL. Merryman
Baltimore County

Our Plan for Progress

THE boll weevil, like a drop of water, is a very insignificant force from an individual standpoint but a very potent force when present in sufficient numbers. But while he has wrought havoc with the production of cotton in some sections and undermined the financial foundations of many a community he is not an unmixed evil for he has forced the abandonment of the unwise one-crop system and the adoption of a diversified program of farming.

Florence County, South Carolina, has felt his ravages and has been moved to launch a prosperity campaign calculated to restore from a wide variety of products the loss sustained by the reduction of its cotton yield. A great gathering of Florence business people endorsed the campaign and volunteered to put the plan over. Consequently a company, known as the Florence County Agricultural Association, was incorporated with $5000 paid-in capital for the express purpose of introducing into the county an average of one good dairy cow for each of the 5000 farms in it. The local banks have agreed to handle the paper of this company covering its transactions which makes the $5000 a perpetual revolving fund.

This company is actively engaged in selecting suitable stock and has an order on file for a car load to be delivered as soon as secured. This indicates that the farmers are responding to the challenge laid down by the business men. The county agent has devised a scheme for bringing the hog census up to the required four additional to each farm and the poultry association have, under consideration, means of inducing the production of at least thirty thoroughbred chickens on each farm.

An intensive education campaign will be carried out to induce the planting of one more acre of sweet potatoes and peanuts each and one quarter of an acre each of Irish potatoes and sugar cane.

With a splendidly equipped creamery, now running and on a firm financial basis and managed by an acknowledged expert and authority on all phases of dairying and with a large private-owned hatchery and an organized selling agency in successful operation the physical equipment necessary to the success of this great project are available without additional investment.

Into this territory, fitted by nature as an ideal pasture country where dairying should flourish with the least possible effort, is shipped some five or six times the dairy products that it produces. What more encouraging prospect could confront an experienced man who has learned his lessons in a far more rigorous and unfriendly climate? In addition practically every known fruit, vegetable, grain, or farm product of any kind, save strictly tropical items, can be grown here almost to perfection. Its complete development cannot long be postponed and this wisely planned campaign must hasten the day.

—Chas. W. Morrison, Sec'y
Florence Chamber of Commerce,
Florence County

Gayoso Purchases Females

GAYOSO FARMS have just purchased from Killarney Farms, Columbia City, Indiana, fourteen of the best animals from this well known Indiana herd. The purchase includes Patricia of Killarney Farms 100023, Indiana's Champion in class F. with a record of 12685 pounds of milk and 701 pounds of butter fat. She is a daughter of May King's Vrangue of Ingleside 15430, who now has thirty-five Advanced Register daughters with records up to 936 pounds of butter fat. With her goes her yearling daughter, Miss Pat of Killarney Farms 131240, sired by a grandson of the same bull out of Verandess of Killarney Farms 64067, Indiana's Champion aged Guernsey with a record of 15681 pounds of milk and 735 pounds of butter fat. This purchase also includes ten very promising bred two olds from Advanced Register sires and dams, and three yearlings sired by the bull last described.

Many of these youngsters were successfully shown with the Killarney Farms herd over the southern show circuit in 1920 and 1921 and will doubtless appear for new laurels during the coming season.

Glencairne Bull to North Carolina

B. W. KILGORE of Raleigh, North Carolina has purchased Papoose of Glencairne 107112 from Judge R. H. L. Chichester. This young cow is a daughter of Minnehaha's Papoose 67732, the seventh cow in class GG, with a record of 11623.6 pounds of milk and 678.37 pounds of butter fat, and is sired by Imp. Prince of la Croisee 40950. This bull is also the sire of Imp. Rhoda des Blancs Bois 68684, the undefeated Grand Champion from New England to Florida in 1922.

—D. M. Chichester
Stafford County

Dr. Mason Buys New Herd Sire

DR. R. E. MASON, Meriwether, South Carolina, has recently headed his herd with a son of Imp. Border Raider 22243, sire of twenty-nine Advanced Register daughters. The dam of Dr. Mason's new bull is an Advanced Register daughter of Governor of the Chene 1297 P. S., out of an Advanced Register daughter of Imp. Masher's Sequel 11462, the sire of seventy Advanced Register daughters. Dr. Mason is buying production, if pedigrees mean anything.

IN THE SOUTHLAND
Bull Associations
Cow Testing Associations
Calf Clubs
Breeders' Associations
All boost dairying and
GUERNSEYS

NEW YORK NEWS NOTES

Herd Sires Sent out From Highlands

WE haven't been in the habit of reporting the bulls we have sold but it has been brought to our attention that perhaps we owe to our customers to let their fellow breeders know that they invested in a promising herd sire and some of the bulls we have sold have certainly been exceptional individuals. We are holding to the policy of selling a bull to a breeder only when there is every reason to believe that that particular bull will accomplish the object that the purchaser is endeavoring to bring about. Within the last thirty days we have, among others, closed sales for three particularly promising young bulls and it is these that we wish to report at this time.

Taking them in order of their sale, Highland Trojan 85509 went to Howard Maher and B. B. Mouck, Devil's Lake, North Dakota. Mr. Maher writes as follows: "Highland Trojan 85509 arrived here Friday morning in first class condition and we are very much pleased with him. He seems to like the place and is making himself comfortable and acts as though he had been with us some time. I wish to thank you for your careful attention to the animal and think that the time he made and the condition in which he came through was quite remarkable. We feel satisfied that he will make a record for himself in this country and we will let you know from time to time how things progress." There is every reason to believe that Highland Trojan 85509 will make good. He is a youngster of splendid conformation and promise. He is a son of Ultra Select 47137, out of Highland Fidelity 112839, a beautiful daughter of Honesty Pride of Birchfield 44580, who in turn is a son of Langwater Warrior 26509. Thus in this bull are combined the blood lines of the two most popular bulls of the breed, namely, Langwater Warrior 26509 and Ne Plus Ultra 15265.

Last February H. M. Allen, owner of the Sweet Springs Farm, Troy, Ohio, had the misfortune to lose one of the great breeding sons of Ne Plus Ultra 15265, in Laverna's Ultra May King 24660. Judging from his daughter, Laverna's Queen 81760, which we own, and from the other daughters that I have seen, this was not only a great loss to Mr. Allen but also to the whole breed. Mr. Allen and his manager, J. G. Mason, began searching at once for a bull that could take the place that the death of this great bull left vacant, and good enough to follow up on his daughters. They felt that only the best would serve their purpose and canvasses the field of available bulls very thoroughly by correspondence during the next three months and then Mr. Mason went out and made a personal inspection of those whose blood lines filled their requirements. We naturally feel highly complimented that they finally chose a youngster bred and raised at Highlands. This youngster, Highland Meditator 81422, is a son of High Point Cavalier 49124, out of More Confidence 62513, one of the best daughters of Ne Plus Ultra 15265, with a record of 11532.2 pounds of milk, and 662.01 pounds of butter fat, in class D. More Confidence 62513 is quite a large cow but still has a great deal of refinement and dairy quality and is a cow of remarkable strength and constitution. High Point Cavalier 49124 is easily one of the best line bred May Rose bulls in service today having for his dam, Cavalier's Helen 65648 the highest record daughter of Langwater Cavalier, 21012, with a record of 12668.3 pounds of milk and 734.34 pounds of butter fat in class F. His sire is Ultra May King 27600, the Advanced Register son of Ultra Lady 38913, perhaps the most famous daughter of Ne Plus Ultra 15265, with a record of 14019.2 pounds of milk and 748.16 pounds of butter fat, in class AA. She was Grand Champion cow at the Eastern States Exposition in 1919. Altogether Highland Meditator 84122 has eighteen crosses to May Rose 2d 3251 P. S., eight crosses to Imp. Itchen Daisy III 15630, and three crosses to Dolly Dimple's May King of Langwater 12997. Mated with Mr. Allen's daughters of Laverna's Ultra May King 14660, the resulting progeny will have twenty-two crosses to May Rose 2d 3251 P.S., and ten crosses to Imp. Itchen Daisy III 15630. As an individual Highland Meditator 84122 is in every way worthy of his pedigree. He has a perfect top line, a long deep body and well sprung ribs. He is a youngster of exceptional character and strong masculinity. One of the factors that appealed strongly to Mr. Mason and Mr. Allen was the fact that his dam had an average test of 5.74 per cent., Cavalier's Helen 65648, an average test of 5.80 per cent. and Ultra Lady 38913, an average of 5.34 per cent.

Laverna's Ultra May King 24660 leaves ten daughters in the Sweet Springs herd and twelve cows in calf, Besides these there are in the herd eight or nine daughters of Jacqueminot of Linda Vista 23564 (now in service at Brooklandwood Farm) and two daughters of King's Itchen King 24661, another great son of Ne Plus Ultra 15265. Thus Highland Meditator 84122 is assured of a wonderful opportunity. It is safe to predict that the Sweet Springs Farm will become a nationally recognized source of the best Guernseys that can be obtained.

We have also shipped to Earl F. Dye, Boston, New York, a splendid son of Honesty Pride of Birchfield 44580 (one of the best individual sons of Langwater Warrior 26509) out of Penelope of Annandale 93610, with a record of 8892.80 pounds of milk and 473.72 pounds of butter fat in class G. Those who attended the New York state sale at Ossining last September will remember Penelope of Annandale 93610, who was the best individual in the sale and topped the sale at $1600. She was sired by Florham Moss Raider 30517 and is out of a granddaughter of Imp. King of the May 9001. Mr. Dye has a very promising herd and Highland Premier 85599, will certainly help to put it on the Guernsey map.

The Boys Score Again

THE best way to reach a father is through his boy and one of the best ways to develop better methods in a community is to let an organized group of enthusiastic, earnest boys show the way, under proper direction.

That was the primary object in organizing the Pavilion-Wyoming Better Cattle Club, two years ago How it is working out was shown when 1500 people attended the second annual field day in Pavilion, New York, on July 14. These people left their work on a fine day during the busiest season of the year. They came to see the showing of the cattle owned by the Club members and the

A FIELD DAY CROWD IN NEW YORK
Pavilion-Wyoming Better Cattle Club

judging of them by Professor J. A. McLean of Chicago. The quality of the cattle and the judging, with careful explanations of every step by Professor McLean, made it well worth their while, busy as they were. There were thirty-eight head exhibited by the members and all of them were in splendid condition and were a very promising lot of cattle. There were no admission fees and as the show was practically self-supporting the prizes were not large but were so distributed that every boy received something to pay for his trouble in bringing his cattle to the show.

Two judging contests were staged, one between four high school teams and the other between four grange teams. Both contests brought forth some good natured chaffing as all of the contestants were either neighbors or acquaintances. All of the judging was followed with greatest interest by the whole crowd. Although there was a good baseball game scheduled to start immediately after the judging the crowd remained at the judging tent until the last class was led out of the ring. This certainly speaks well for the ability of Professor McLean to hold the attention of a crowd and of the interest of the people in that important phase of cattle breeding.

The girls of the Burley Hill Cooking Club served a splendid lunch in their tent.

Encouraging and instructive talks were given by Mr. Bugler of the New York State Holstein Breeders' Association; by W. E. Davis of the New York State Guernsey Breeders' Association and by Mr. Gail of the American Jersey Cattle Club. Each had a story to dig the fellow representing the other breed but aside from that there was no knocking and everyone was boosting better cattle. With the actual demonstration at hand of what even boys can accomplish with better cattle these talks were very pertinent.

The club originally started in 1921, with fourteen members and it now has twenty-two members with another boy ready to join as soon as a good heifer can be found him. There were thirty-eight head exhibited by the club with but one additional purchase since the initial heifers were obtained. One heifer died from an unpreventable cause. Not a boy has expressed any desire to drop out and everyone seems to be just as enthusiastic as when he first received his heifer. One boy thought he should sell his heifer calf so that he could pay off his note at once but Mr. Graham, cashier of the Pavilion and Wyoming banks and organizer of the Club, did not approve of it. He pointed out that to a young lad (nineteen years) a debt of that amount and nature meant nothing. With the original heifer developing splendidly and with a fine heifer calf growing up, he felt that the bank had better security than in the beginning. That splendid spirit on the part of the bank, the growing popularity of the club, the sustained enthusiasm of the boys with a good rate of increase with the cattle themselves is evidence enough that the club is making steady, healthy growth and is of real service to the community.

THE DUTCHESS COUNTY CROWD
At their picnic, August 4, 1923

MASSACHUSETTS

Hepburn Now in Business for Himself

WORD is received that W. K. Hepburn, formerly superintendent at Upland Farms, has purchased a farm of seventy acres in Bridgewater, Massachusetts, where he will maintain a Guernsey herd and push the sale of Guernsey milk and cream, in what is practically a virgin market for the products. Mr. Hepburn will also assist other breeders in their breeding plans and show ring work.

Atamannsit Leader Sold

HERE is a picture of Atamannsit Leader 85020, the young bull which I recently purchased from George W. St. Amant for use here at Meredith Farm. His sire is Milk Maid's Ultra King 44208 (by Ne Plus Ultra 15265) and his dam is Langwater Leading Lady 70307 (by Langwater Model 280).

ATAMANNSIT LEADER 85020

His conformation can be seen in the picture but the great thing about him is the fact that he has twenty-five tested dams in six generations who average 13396 pounds of milk and 678 pounds of butter fat (not computed to maturity). In four generations he has eleven tested dams whose records figured to maturity average 755 pounds of butter fat. He traces eleven times to May Rose 2d 3251 P. S., and carries fourteen and one half per cent. of her blood. He also traces four times to Itchen Daisy 3d 15630, carrying twenty-one and seven eighths of the blood of this famous cow. Fifteen of his twenty-five tested dams were Class Leaders. His daughters ought to be producers.

EDWARD WIGGLESWORTH

WISCONSIN NEWS NOTES

Clark County Federation of Guernsey Clubs

ORGANIZATION of local or neighborhood Guernsey clubs has been actively going on in Clark County for some time. On May 10, 1923, representatives of the various clubs met at Greenwood, Wisconsin, and under the direction of E. L. Luther, superintendent of Farmers' Institutes, formed the Clark County Federation of Guernsey Clubs. The officers elected were as follows: F. E. Winn, Granton, president; H. M. Francen, Unity, vice president; Walter Strauss, Greenwood, secretary; and C. H. Johnson, Unity, treasurer.

The first work to be taken up by the federation was the organization of local clubs in new localities, and the prospect of holding bull sales in connection with the organizations. On June 7, a local club was organized at Globe, a little inland trading point nine miles from a railroad. On the following Saturday a truckload of bulls was taken up there and sold at auction to the members of the new club. On June 15, a local club was organized at Thorpe.

Clark County leads the world in the number of cow testing associations, as there are now thirteen in active operation and two more to come. These have been largely the cause of the increasing popularity of the Guernsey breed in Clark County, since the Guernsey is revealed as the profitable cow.

The following poem was composed by a member of the Progressive Guernsey Club, and vividly portrays the sentiment of the neighborhood club.

NEIGHBORHOOD CLUBS

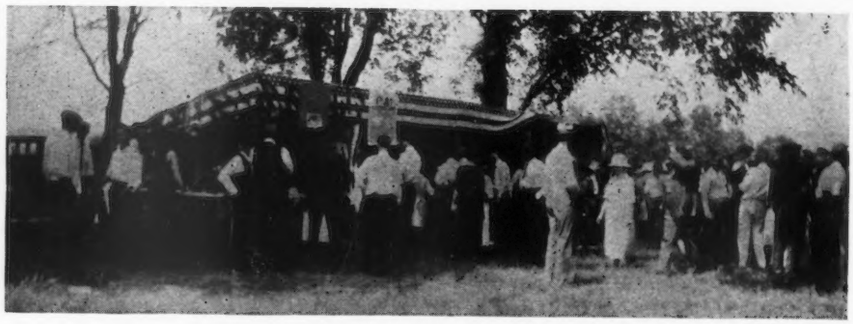
These neighborhood Clubs I think are fine,
I usually go and have a good time.
At all of our meetings not only the men,
But our wives and children also attend.
You know if you would make the old farm pay,
Keep the family interested—it's the only way.

The neighborhood Clubs are the only plan
Whereby every member does all he can
To help promote his favorite breed,
And make his neighbors see the need
Of always using a pure-bred Sire,
And pushing the Scrub Bull into the mire.

These neighborhood Clubs. I'm telling you
Can find plenty of things to do!
Don't stand back and your Club work fetter
Show to the world you are a GO-Getter!
Boost your Club—Boost your Breed!
It's the only way we will ever succeed.

When these neighborhood Clubs all federate
Into a County Club—won't that be great?
With each member striving to do his best
We shall be known from the East to the West
Let praise be given to the County of Clark.
The County where farmers don't work in the dark

D. W. W.



TREMPEALEAU COUNTY PICNIC
Eighty Gallons of Guernsey Milk was given away at this booth

Trempealeau County Picnic

OVER 1000 people attended the Guernsey Booster program of the Trempealeau County Guernsey Breeders' Association, at the Beach School House, June 16, 1923. The day opened with a business meeting during which the officers for the ensuing year were elected as follows:

P. J. Speerstra, president; W. Raichle, vice-president; A. E. Nehring, secretary-treasurer. It was decided to hold the picnic annually hereafter, in different parts of the county, the next to be at Galesville, in June, 1924.

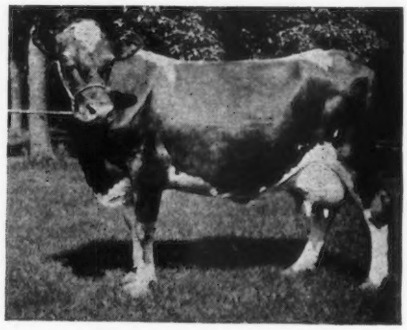
Harry Griswold, Guernsey breeder of West Salem, gave an interesting talk on pure bred Guernsey cows and sires, and then conducted a judging demonstration. Karl B. Musser, secretary of THE AMERICAN GUERNSEY CATTLE CLUB. brought a message from the home office, and explained in detail the inside workings of the institution. Music helped to lighten the program.

A dozen head of Guernseys were brought out for judging, and the usual picnic amusements followed. Seventy gallons of Guernsey milk was furnished by the breeders, and consumed by the crowd.

Trempealeau County is already known as one of the best agricultural counties of the State of Wisconsin, and the members of the local Guernsey association have hopes of making it one of the outstanding Guernsey counties also.

Fort Atkinson Cow Testing Association

THE high cow for both June and July in the Fort Atkinson Cow Testing Association, was a grade Guernsey named "Lenz" with production credits for June of 1896 pounds of milk and 70.30 pounds of butter fat, and for July, 1662 pounds of milk and 59.80 pounds of butter fat. She is owned by W. D. James of Fort Atkinson, Wisconsin.



THIS IS "LENZ"
High Cow in the Fort Atkinson Cow Testing Association for the Months of June and July

According to the rules of the Fort Atkinson Cow Testing Association any cow that produces more than two pounds of butter fat a day on twice a day milking, if she has been fresh more than forty-five days, automatically requires the tester to remain and conduct another test of the milk from the entire herd during the following twenty-four hours. This occurred in the case of "Lenz" during both June and July, and consequently her record was computed from the average of the forty-eight hours of testing and is undoubtedly more accurate than any one day test could possibly be.

"Lenz" is now the leader of the 433 cows in the Fort Atkinson Cow Testing Association with a record of production for the past three months of 4835 pounds of milk and 178.60 pounds of butter fat. Her stable mate, another grade Guernsey, known

as "Spot" holds second place with 4868 pounds of milk and 177.40 pounds of butter fat to her credit in ninety-two days.

A seven year old registered Guernsey holds third place with 3710.00 pounds of milk and 163.40 pounds of butter fat. She is known as Veronica of Prospect 64068, and is owned by the Hoard's Dairyman Farm.

A Cow Testing Association exhibit including ten high producing cows is being planned for the Jefferson County fair, September 11 to 14.

—Clarence Bragg
Jefferson County

Stevens Purchases New Farm

I HAVE purchased the Valentine Farm of 180 acres at Oconomowoc. This was formerly the P. D. Armour Stock Farm, and has a fine set of buildings which will enable us to continue our breeding operations on a large scale.

—L. B. Stevens
Shoreland Farm
Waukesha County

Barron County Cow Testing Association

THE first, third, and fifth high cows in the Barron County Cow Testing Association, according to the annual report of Hugh A. Feagle, official tester, are Guernseys. The high cow was a grade Guernsey, "Rose," owned by Bowen and Giezendanner, that produced 9615.80 pounds of milk and 481.70 pounds of butter fat.

WORLD'S DAIRY CONGRESS

Summary Railroad Rates

WORLD'S Dairy Congress Association announces a circuitous excursion rate in Eastern Trunk Line and Central Passenger Association territory, i. e.: between New York Chicago and St. Louis and north to the Ohio River at 80 per cent. of one-way fares from starting point to Washington, Philadelphia, Syracuse to starting point. Tickets from Washington to Syracuse with stop off at Philadelphia may read via either Baltimore and Ohio or Pennsylvania route. A through sleeper rate for two nights at $5.50 for a lower berth is announced. Sessions of Congress, Washington, D. C., October 2 and 3, Philadelphia, October 4, and Syracuse, October 5 to 10.

ADVANCED REGISTER NOTES

FOLLOWING is a list of State Champions entered since the last issue of the Journal.

Tennessee has joined the union of ADVANCED REGISTER testing and appears in the list with the first official record in the state. The details are printed below. Expansion in this list shows steady progress for the ADVANCED REGISTER.

Indiana

BB. Imp. Boone's Gay Lass of Georgeland 87360, A. R. 13539, 11205.5 pounds of milk, 539.56 pounds of butter fat; breeder, Heirs J. Robin, Island of Guernsey; owner, C. R. & R. L. George, Lebanon.

Oregon

A. Imp. Lady Fanny of la Grande Maison 57648, A. R. 13525, 11741.5 pounds of milk, 569.86 pounds of butter fat; breeder, George Brehaut, Island of Guernsey; owner, Octav Voget, Hubbard.

Rhode Island

AA. Camilla May 62345, A. R. 13564, 10947.8 pounds of milk, 436.18 pounds of butter fat; breeder, Est. W. B. Rice, Peterboro, N. H.; owner, M. M. Van Buren, Newport.

Tennessee

AA. Stella Torreador 71492, A. R. 13567, 7524.00 pounds of milk, 370.91 pounds of butter fat; breeder James P. Risler, Stockton, N. J.; owner, Robert A. Jones, Bailey.

Raritan's Daisy Moon of Craigamoor 41138, bred by George C. Cooper, Superior, Wisconsin and owned by Anderson T. Herd, New Hope, Pennsylvania has three records, the last of which has recently become official. She is credited with 16306.3 pounds of milk and 779.28 pounds of butter fat in class A. She previously made a record of 13824.3 pounds of milk and 703.33 pounds of butter fat as an aged cow.

Lotota's Daisy of Uplands 59356, bred and owned by the late Frank P. Frazier, Ipswich, Massachusetts, has completed her third record with 11349.2 pounds of milk and 691.30 pounds of butter fat in class A.

Imp. Pallas 65709, bred in England and owned by the Kansas State Agricultural College, Manhattan, Kansas, has completed her third record with 12226.0 pounds of milk and 594.32 pounds of butter fat in class A.

Leading Year's Records for Aged Cows

Age	Name	Lbs. Milk	Lbs. B. F.	Days in Calf
5	Nella Jay 4th 38233, A. R. 3194	20709.9	1019.25	121
6	Countess Prue 43785, A. R. 6909	18626.9	1103.28	0
7	Langwater Nancy 27943, A. R. 1826	18783.5	1011.66	0
8	Murne Cowan 19597, A. R. 1906	24008.0	1098.18	202
9	Yeksa's Tops of Gold's Fannie 22362 A. R. 2394	19794.9	981.53	119
10	Beauty Eagle 18117, A. R. 2680	16144.0	846.31	148
11	Miss Bella of Rocky Reach 2d 68460 A. R. 12254	15084.0	825.31	265
12	Royaline's Dora 17375, A. R. 1380	13763.2	717.31	119
13	Glenwood's Miss Greta 29218 A. R. 1535	12121.7	642.56	288
14	My Lady Baltimore 2d 21165 A. R. 1921	15424.4	713.21	251
15	Daylight Miss 12572, A. R. 4482	11779.3	546.00	29
16	Milkmaid of Pine Grove 19595 A. R. 9847	11142.7	559.76	265
17	Beauty of Shady Lawn 16272, A. R. 9796	9370.5	458.50	0
18	Lillie Paul 17402, A. R. 13154	13864.4	540.63	62

Watch this section of the JOURNAL
for
the latest information of the Advanced Register

GUERNSEY ISLAND NOTES

Photo by Hendee

Guernsey Island Notes

ANY Guernsey breeder who has ever made the trip to the Island will remember this scene. This stately old clock tower has looked down upon the departure of hundreds of emigrants,—of the bovine species, not the human kind. For this is a view at the entrance to the pier at St. Peter Port, from which exportations of Guernsey cattle leave for this country.

The clock tower and the weighing station appear in numerous photographs from the Island. In this picture, the weighing scales may be seen at the right of the building, and the sturdy stone buildings, typical of the architecture of the Island, will be noted in the waterfront shops. Posters announce the sailings of the small steamers that ply between the Channel Islands and several ports in England and France.

NEW JERSEY

Stonehouse Bull to Pennsylvania

WE have recently sold Stonehouse May Rose Jewel 50682 to H. N. Leinbach, Douglasville, Pennsylvania. This bull was born and developed on Stonehouse Farm. He is out of Brookmead's Primrose 59031, winner of the class AA New Jersey herdsman's cup, a daughter of Langwater Stars and Stripes 21872. His sire is Diamond of the Tertre 24878, a son of Princess Jewel 40265. He has been our herd sire for the last three and one half years, and has been a persistent winner in the ring, and a sire of show ring winners. We expect to place three of his daughters on test this year and to qualify him for the Advanced Register.

We feel that Mr. Leimbach will not regret his choice and we wish him every success. We have also sold Stonehouse Pendragon 73685, Stonehouse Peter Pan 81806, and an unnamed three months old bull calf out of Stonehouse Sunbeam 95326, a daughter of Brookmead's Busy Lad 27707. Stonehouse Sunbeam 95326, is milking from forty-three to forty-five pounds daily with her second calf. For the present we are in the enviable position of having nothing more for sale, and the herd is now accredited.

NATIONAL DAIRY EXPOSITION

NEW YORK Guernsey breeders have thrown their hat—or hats—in the ring. Several prominent central New York members of the New York State Guernsey Breeders' Association told W. E. Skinner, general manager of the National Dairy Show, recently, that the organization will have the finest state herd of Guernseys at the exposition.

New York, in fact, will be represented by two state herds, one in the pure bred class and one in the grade class. Intense interest has been aroused in these two divisions, as it is recognized as an excellent way of advertising a state industry and of promoting interest in better breeding.

When the show is held on the state fair grounds at Syracuse, New York, October 5-13, Guernseys promise to hold a prominent position in the big cattle barn. Assurance of heavy entries are coming in to Mr. Skinner from every state east of the Mississippi and from Minnesota, Wisconsin and several other western states.

One of the first cattle entries received was from a prominent Guernsey breeding establishment in Wisconsin.

With big individual classes, there is a guarantee that the state herds will be out in full force. What an inspiring picture it will be for the enthusiastic breeder when 150 to 200 Guernsey cattle, the picked representatives of the breed, are assembled in the huge coliseum ring for the judges to select the leading herd! What a satisfaction it will be to breeders of the winning state!

Regulations concerning state herd entries are:

"A state herd shall consist of the following animals: one bull, two years old or over; one yearling bull; one bull calf, four months old and under one year; three cows, three years or over; one heifer, two years old and under three; one senior yearling heifer; one junior yearling heifer; one heifer calf, four months old and under one year.

"Not more than two animals from any one individual or firm may be entered in a state herd and all animals must be entered in the regular classes of the show as well as in the state herd class. The class will not be considered filled unless entries from not less than five states appear in the judging ring. Awards will be paid to the state association in whose name the herd entries are made."

Six prizes totalling $750 are offered in the pure bred class; three prizes of $150, $100 and $50 are offered in the grade class.

MINNESOTA

Moral: Don't Bet Against a Guernsey

THE following, a clipping from a recent issue of the Wadena Pioneer Journal, Wadena, Minnesota, indicates that even hard-working Guernsey breeders are not averse to "playing the ponies", if the "ponies" happen to be dairy cows.

"An interesting friendly controversy has recently been settled at the conclusion of the fiscal year of the Wadena Cow Testing Association. Emil Nelson and P. J. Snyder engaged in an argument over the relative merits of the Guernsey and Holstein breeds and as a consequence Mr. Snyder bet that this Holstein cow (a registered animal) would produce more than Mr. Nelson's Guernsey. Each man put up $25 with Ed. Fischer as stake holder and at the conclusion of the year Mr. Nelson was declared the winner. One of Mr. Nelson's pure breds happen to top the list of the cow testing association with 486.30 pounds of butter fat out of 10273 pounds of milk. The cow testing association report covers only those cows which produced 299 pounds or more of butter fat and does not include the Snyder Holstein, so there is no question as to who is the winner. In fairness to the Holstein breed and to Mr. Snyder it must be here stated that his cow is capable of producing more than the cow testing association records show and any one or a number of things may be contributed to her failure to show up more favorably.

The writer happens to know that Mr. Snyder's cow has the breeding behind her and while we do not pretend to say whether or not she could beat the record of the Nelson Guernsey, we feel that she is a better cow than her last year's record would indicate. Mr. Nelson has bred Guernseys for a great many years and has progressed in the work to such an extent that his herd has reached a high degree of efficiency. Illustrative of that fact is the fact that a high grade Guernsey in his herd is the second high producing cow of the testing association with 471.10 pounds of butter fat from 9926 pounds of milk."

HOW DO YOU SELL YOUR MILK?

The JOURNAL wants to know. Write and explain methods and report prices received.

BEYOND THE ROCKIES

Washington Notes

THE following lists of information are given by Lincoln R. Lounsbury, agricultural extension editor, of the State College of Washington. Indications are that Guernseys are being bought.

San Juan County reports more pure bred stock. N. P. Hodgen of Richardson, purchased a pure bred Guernsey cow, a heifer and a bull from Mr. Heimstra of Everson, Whatcom County, to add to his herd. Oscar Weeks of Bopen, purchased two pure bred Guernsey heifers from H. B. Douglas of Ferndale.

Ten head of pure bred Guernsey cows and heifers were added to the herds of two dairymen in Skagit County. Assistance in selecting was given by County Agent, C. H. Bergstrom. Also two pure bred Guernsey bulls were placed. Both animals have records backing them of 720 pounds of butter fat. The cows and heifers are sired by a bull whose seven nearest dams have records exceeding 700 pounds of butter fat. There were seven Holstein bulls placed with individual dairymen during the month.

JUNIOR CORNER

MARY BRIGGS, aged twelve, of Yardley, Pennsylvania, won the heifer calf donated by Mrs. Paul Moore, Convent, New Jersey, for making the highest score in the judging contest for calf club members, which was held in connection with the second annual New Jersey picnic.

Charles Carter, aged seventeen, also of Yardley, Pennsylvania, captured the second prize, which was a bull calf, bred by Rexden Farm, Princeton, New Jersey.

Fifteen of the fifty calf club members who took part in the judging contest were from Bucks County, Pennsylvania. In this county there are fifteen boys and girls who are raising Guernsey calves. Ten of these started with six months old calves, in the spring of 1922. At the present time, this group has its heifers bred to good bulls, and they are now looking forward to next fall and winter, when the heifers will freshen. Five members started this spring and are now in the first year of the work. Due to the active interest in Guernseys on the part of calf club members in many parts of the county, there is now a parallel interest on the part of many of the older folks.

The first of the accompanying photographs shows both Mary Briggs and Charles Carter, with the latter's newly acquired bull calf, while the second photographs shows Mary and her first prize heifer calf.

APPROVED ADVANCED REGISTER RECORDS

From August 1, 1923 to August 15, 1923

Includes A. R. 13511 to 13609 with re-entries: 3572; 4004; 4444; 4616; 5020; 5259; 5261; 5905;6210; 6384; 6871; 8048; 8231; 8430; 8467; 9849; 10001; 10252; 10443; 11377; 11651

Class A—Five Years and Over (Minimum requirement 400 lbs. Butter Fat)

A. R.		Lbs. Milk	Lbs. Fat	Age	Owner
R°. 8231	Dairy Maid Queen of Spring Hill 74067	18180.70	1011.18	5—2	Myron A. Wick, Chagrin Falls, Ohio
R° 6210	Molly Rose O. D. 50617	15469.50	785.00	8—1	L. S. White, Cairo, N. Y.
R° 4004	Raritan's Daisy Moon of Craigamoor 41138	16306.30	779.28	7—2	Anderson T. Herd, New Hope, Pa.
°10443	Imp. Lilydale of Mara Alva 74121	12715.90	742.20	6—1	George W. St. Amant, East Falmouth, Mass.
° 4616	Imp. Deanie's Portia 55413	13908.90	731.54	9—3	Wawa Dairy Farms, Wawa, Pa.
R 8048	Mottled Gold of Langwater 85675	16456.70	709.07	5—5	R. Lawrence Benson, Princeton, N. J.
R 5905	Miladi Chene of Thornliebank 60301	14545.90	707.51	6—8	Louis C. Emmons, Swarthmore, Pa.
13589	Harwood Nellie 81289	14565.40	704.46	5—5	T. S. Winston, Midlothian, Va.
R 6871	Lotota's Daisy of Uplands 59356	11349.20	691.30	7—3	Est. Frank P. Frazier, Ipswich, Mass.
13584	Imp. Flossette of Jean Du Luth 69517	12261.70	679.82	5—7	A. M. Sisler, Grand Rapids, Minn.
R 5020	Craigamoor Cosette 43206	11587.10	676.83	6—10	Anderson T. Herd, New Hope, Pa.
13542	Jackson's Choice 68897	11834.50	672.45	5—6	George C. Russell, Willoughby, Ohio
‡13572	Hope of Little Farm 90846	12473.00	665.20	5—11	Fleet K. Smith, East Northport, N. Y.
13530	Mildred of Annandale 72034	14316.50	639.51	6—3	Henry W. Howe, Bedford Hills, N. Y.
13553	Nemea 64109	13679.30	638.72	6—7	R. Lawrence Benson, Princeton, N. J.
13556	Golden Kitty of Lewison 23603	12775.40	605.49	14—10	George C. Russell, Willoughby, Ohio
R¶ 4444	Gay Lad's La Reine 40045	13939.40	602.32	10—2	B. F. Sheridan, Fond du Lac, Wis.
13537	Christmas Girl of Harbor Hill 51658	14542.80	600.48	8—2	Clarence H. Mackay, Roslyn, N. Y.
R10001	Imp. Pallas 65709	12226.00	594.43	6—6	Kansas State Agricultural College, Manhattan, Kansas
13592	Barbaretta of Wellslea 118628	10824.30	591.77	5—0	I. Irwin Wells, Spring City, Pa.
¶*13513	Buntie Belle 75105	11218.20	590.00	5—11	Edward Vaughan, Mora, Minn.
R‡ 6384	Fannie Preel 54386	9232.60	578.76	7—6	John Michels, Peebles, Wis.
13525	Imp. Lady Fanny of la Grande Maison 57648	11741.50	569.86	7—11	Octav Voget, Hubbard, Oregon
R10252	Diana of the Maples 70732	12632.00	567.88	8—8	H. Wilson Wheeler, Street, Md.
R 8430	Harwood Anne 81290	11173.90	565.61	5—7	Lawrence Grinnell, South Dartmouth, Mass.
13593	Duchess of Berkshire 42322	10916.40	549.70	10—0	James W. Bullock, Williamstown, Mass.
‡¶13529	Diamond Beauty of Elmcourt 64985	12188.70	540.69	6—0	C. B. Heifner & Son, Sullivan, Ohio
‡13520	Cloyetta of Hillhurst 35066	12053.50	533.41	10—9	A. E. Wisler, Leetonia, Ohio
13516	Royal's Queen of the Elms 56523	10593.40	531.51	8—5	Herbert Payson, Portland, Maine
13587	Alice Lily 83400	12695.10	520.36	6—1	S. M. Merrill, Ipswich, Mass.
R 5261	Craigamoor Mary 50109	11160.60	519.35	5—2	Percy R. Pyne, 2d., New York, N. Y.
‡R 3572	May's Pride of Thornwood 37779	10522.60	508.80	10—9	C. M. McConnell, West Salem, Ohio
13549	Bob's Luetta 69863	10572.90	506.71	5—9	University of Wisconsin, Madison, Wis.
R¶11651	Elm Road Nancy 68053	10780.80	502.06	6—0	F. C. Waege & Son, Wilton, Wis.
R 5269	Craigamoor Amnicona 41820	10577.30	496.00	7—5	Percy R. Pyne 2d., New York, N. Y.
¶13540	Pearl of High Rock 43393	10789.90	485.75	9—5	H. E. Angel, Mabton, Wash.
13570	Grassland's Florentine 79152	9915.90	474.55	6—9	Robert & Herbert Scoville, Taconic, Conn.
‡13521	Raymond's Betty 109915	10708.20	465.84	5—10	A. E. Wisler, Leetonia, Ohio
¶13596	Imp. Fancy de la Tablette 61482	9552.20	446.51	8—6	Longwood Inc., Kennett Square, Pa.
‡13544	Veli 73097	8318.70	443.32	7—1	William Larsen Canning Co., Green Bay, Wis.
¶13564	Camilla May 62345	10947.80	436.18	6—8	M. M. Van Beuren, Newport, R. I.
13594	Adelaide of Sweet Springs 85769	9365.00	419.72	5—1	H. M. Allen, Troy, Ohio
‡13547	Broadlawn Nancy 72572	9103.10	416.95	5—4	Frank P. Gildersleeve, Union Springs, N. Y.
13595	Guernsey Queen of Danby 48343	9663.20	408.21	8—10	Baker & Hutchison, Hiram, Ohio
‡¶13574	Magalene Rilma 79098	8860.30	402.32	6—5	Loren Truax, Wakarusa, Ind.
‡¶13567	Stella Torreador 71492	7524.00	370.91	5—7	Robert A. Jones, Bailey, Tenn.

Class B—Four and One-Half to Five Years (Minimum requirement 381.8 lbs. Butter Fat)

‡¶13539	Imp. Boone's Gay Lass of Georgeland 87360	11205.50	539.56	4—7	C. R. & R. L. George, Lebanon, Ind.
‡13526	King's Hazel of Maple Grove 86388	7626.50	411.71	4—11	H. C. Cope, Leetonia, Ohio
‡¶13557	Lady Vera's Carda 76237	7702.20	409.42	4—9	Frank B. Conklin, Thief River Falls, Minn.

Class C—Four to Four and One-Half Years (Minimum requirement 363.5 lbs. Butter Fat)

R 9849	Branford Foremost Frisky 80574	12435.50	658.84	4—5	George W. St. Amant, East Falmouth, Mass.
13551	Xmas Belle of Beaver Ridge 82126	12479.30	611.70	4—2	Henry W. Howe, Bedford Hills, N. Y.
‡13602	Bonnie of Gordondale 83798	11382.90	610.57	4—1	John Michels, Peebles, Wis.
R 8467	Delphine of Roughwood 75725	10679.80	601.54	4—5	Russell Grinnell, Exeter, R. I.
¶13519	Imp. Anita of Groignet III. 104072	9142.80	453.14	4—2	L. D. Kellogg, Deerfield, Ill.
¶13577	Imp. Village Lass VI. of the Glen 94998	6976.60	357.48	4—0	John G. Van Etten, Kingston, N. Y.

Class D—Three and One-Half to Four Years (Minimum requirement 345.3 lbs. Butter Fat)

13579	Brookmead's Maytime 97560	8941.90	513.89	3—9	Walter Smedley, Media, Pa.
*¶13532	Lone Pine Luxury 88749	9973.60	497.48	3—6	W. H. Dupee, Riverside, Calif.
13546	Almathea of Far View Farm 88611	8454.80	455.29	3—6	W. H. Camp, Northfield, Conn.
¶13531	Goldseeker's Cottina of A. D. F. 81417	8030.80	443.63	3—11	W. J. Brown, Detroit, Mich.
*13517	Lillian of The Dudley 95500	6923.10	331.91	3—10	Fred Perkins, Oswego, Kans.

Class E—Three to Three and One-Half Years (Minimum requirement 327.0 lbs. Butter Fat)

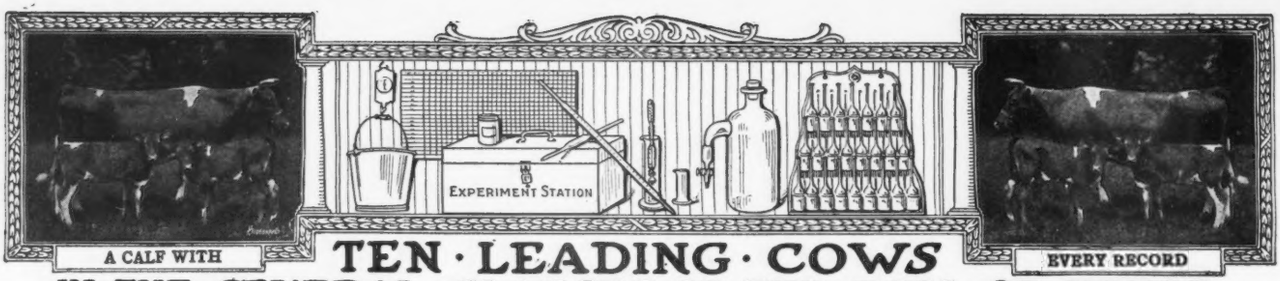
°13535	Imp. Sailor Maid of Clovelly 94333	13198.40	675.18	3—2	John S. Ames, North Easton, Mass.
°13534	Langwater Sunshine 98359	13218.30	612.30	3—0	John S. Ames, North Easton, Mass.
‡13605	Joy of Matinecock 92287	11344.90	510.21	3—5	Harvey C. Craft, Glen Cove, N. Y.
R11377	King Helpmate's Beauty 90933	8225.50	506.76	3—2	William H. Rogers, Oxford, N. Y.
‡13548	Broadlawn Nancy 2d 95602	10040.80	486.36	3—2	Frank P. Gildersleeve, Union Springs, N. Y.
13608	Imp. Cherry II. of Piece Nez 100133	10127.60	460.44	3—4	I. Ben Miller, Cape Girardeau, Mo.
13603	Imp. Rosette II. of Vimiera 93723	9210.90	438.96	3—5	Eugene Endicott, Norwood, Mass.
13541	Sweet Dame of Muskego 92049	8531.00	438.44	3—4	H. E. Angel, Mabton, Wash.
‡¶13583	Buttercup's Jewel of Cumberland 85653	9064.30	428.74	3—4	G. R. Ingalls, Eau Claire, Wis.
‡13524	Ultra's Fawnda 114784	8132.20	403.40	3—0	A. E. Wisler, Leetonia, Ohio
13590	Belgian Queen of Midvale 89354	7375.50	396.08	3—4	William Butterworth, Moline, Ill.
‡13601	Granger's Stranford Pride 94524	7068.90	366.77	3—3	John P. Mays, White Hall, Md.
13552	Narcissus of Ewing 93135	7976.70	349.04	3—3	Wood Brook Farms, Inc., Metuchen, N. J.
13576	Delcastle Beda 92598	5149.70	332.00	3—5	John G. Van Etten, Kingston, N. Y.

Class F—Two and One-Half to Three Years (Minimum requirement 308.8 lbs. Butter Fat)

°13536	Langwater Dutiful 98594	13459.80	672.39	2—6	John S. Ames, North Easton, Mass.
‡°13597	Miss Victory's Countess 102142	9724.90	594.05	2—8	C. M. McConnell, West Salem, Ohio
°¶13586	Countess Starlight of Riverside 97923	9887.10	576.25	2—10	A. M. Sisler, Grand Rapids, Minn.
‡°13512	Anna May of Corner Hill Farm 101324	10255.20	571.20	2—8	Anton O. Berge, Valders, Wis.
¶13518	Ardelle of River Woods 101484	11059.60	538.81	2—6	L. D. Kellogg, Deerfield, Ill.
13571	Grassland Favorite 118897	10217.20	526.28	2—7	Robert & Herbert Scoville, Taconic, Conn.
¶13585	Riverside Valentine 96218	10888.90	509.69	2—8	A. M. Sisler & Son, Grand Rapids, Minn.
13550	Lady Doris of Locust Hill 111257	6690.80	452.73	2—8	M. E. Leeds, West Grove, Pa.
13545	Memento Girl of Oakwood 91949	10856.10	438.87	2—7	E. B. McCutchen, Bishopville, S. C.
13561	Yeoman's Maid of Honor 96262	8347.70	402.85	2—8	Emory C. Meltz, Appleton, Wis.
13562	Dolly Darling of Haviem 96261	7645.00	401.73	2—8	Emory C. Meltz, Appleton, Wis.
13527	Buckeye Brownie of Davis Farms 97409	6425.70	318.85	2—10	The Davis Company, Newark, Ohio

Class G—Two to Two and One-Half Years (Minimum requirement 290.5 lbs. Butter Fat)

*°13575	Chilmarktrice 100654	11878.40	566.59	2—5	John G. Van Etten, Kingston, N. Y.
°13609	Honoria of High Point 106087	10174.90	547.29	2—3	Harry Bailey, Mount Tremper, N. Y.
°13588	Gold Dust of Winston Farms 104878	12022.10	516.22	2—2	T. S. Winston, Midlothian, Va.
‡13555	Bluebelle of the Prairie 150766	10614.70	514.08	2—3	W. W. Marsh, Waterloo, Iowa



TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · OF · THE · ROLL · OF HONOR

CLASS AA—FIVE YEARS AND OVER **

	Lbs. Milk	Lbs. B. F.		Lbs. Milk	Lbs. B. F.
Pearl's Dot 57445 A. R. 6140	19602.5	965.80	Model May 2d 64770 A. R. 12865	15943.2	799.61
Jean Du Luth Coronet 52816 A. R. 6392	20004.0	952.27	Dick's Lassie 49619 A. R. 10717	13711.2	793.99
Duchess Ruth 47060 A. R. 3523	14644.2	850.49	Ollie's Princess of Windermere 52226 A. R. 5239	13341.9	793.67
Carwytham Queen 41121 A. R. 4456	15788.4	816.27	France's Belinda of Big Spring Farm 69963 A. R. 8954	15517.8	782.76
Carrie of Hillhurst 34864 A. R. 5973	15307.8	814.83			
Bessie of Portland 36255 A. R. 7925	15187.4	805.48			

CLASS BB—FOUR AND ONE-HALF TO FIVE YEARS **

Miss Bella of Rocky Reach 2d 68640 A. R. 12254	15084.0	825.31	Beauty of Chicona 65537 A. R. 8111	13563.7	742.69
Park's Judith Beauty 76118 A. R. 8533	15338.8	768.50	Kate's Princess Jewel of Springcrest 63736 A. R. 9722	14683.1	729.22
May Rose of Westbrook Farm 56445 A. R. 7991	15530.0	757.07	Imp. Polly Camp of Mara Alva 68154 A. R. 10374	12450.3	714.57
Duchess France of Walnut Glens 3d 71860 A. R. 12072	15591.0	755.04	Imp. Wyebrook Rose 69245 A. R. 6186	14872.1	710.21
Ingleside Queen May Rose 76205 A. R. 8873	13590.5	754.47	Rainbow's Rose of Gold 72596 A. R. 8254	11752.7	689.78

CLASS CC—FOUR TO FOUR AND ONE-HALF YEARS **

Linden Girl of Harbor Hill 3d 58625 A. R. 4651	15032.9	785.89	Langwater Gardenia 74565 A. R. 11422	13819.9	696.23
Galaxy's Violet of Mara Alva 74195 A. R. 11525	13722.2	781.11	Idyl of Koshkonong Place 48151 A. R. 5684	14466.3	685.98
Convent's Duvallerie's Yvonne 82012 A. R. 13059	13020.8	733.77	Langwater Fortunate 74564 A. R. 11354	15422.9	670.80
Blanche of Sulphur Springs 82252 A. R. 13264	14209.4	732.84	Cora of Gerar 48309 A. R. 4706	15368.8	665.94
			Faith of Rockledge 81564 A. R. 11711	13999.0	663.62
			Magnetta Belle 76659 A. R. 8743	11010.8	659.03

CLASS DD—THREE AND ONE-HALF TO FOUR YEARS **

Katonah's Dew Drop 766698 A. R. 8584	16505.5	786.04	Belle's Missaukee Beauty 81333 A. R. 12255	13799.4	649.12
Milford of Bethany 65962 A. R. 7334	13727.6	708.81	Elm Road Polly 66601 A. R. 8515	10976.9	647.18
Clara's Lily of St. Croix 76288 A. R. 10749	10919.7	685.66	Bob's R. S. Royalette 93537, A. R. 13424	13349.1	641.40
Itchen's Golden Daisy of Chilmark 61690 A. R. 8432	14367.0	669.64	Adell of Burnham Beach 72792 A. R. 8292	13349.7	640.49
La Belle of Cress Lawn 116993 A. R. 11444	13643.0	649.28	Clare of Gerar 49122 A. R. 4733	13782.9	637.79

CLASS EE—THREE TO THREE AND ONE-HALF YEARS **

Daisy of Chicona 94894, A. R. 13460	12015.2	748.05	Early Dawn 83549 A. R. 11278	10882.6	686.70
Brilliant Lassie 86452 A. R. 11008	13870.0	746.32	Lucky Girl of the Rancho 120783 A. R. 11818	15265.5	672.32
Clarabelle of the Rancho 121269 A. R. 11974	11890.3	723.32	Imp. Latona of the Vauquiedor 94277 A. R. 9975	11619.8	667.83
Daisy of Mobjack 85119 A. R. 12163	12860.3	722.07	Langwater Levity 70293 A. R. 7789	12785.9	662.15
Dairydette's Verena of Chippewa 88813 A. R. 12523	13368.8	697.87	Jilda of the Rancho 95171 A. R. 12780	13399.3	639.11

CLASS FF—TWO AND ONE-HALF TO THREE YEARS **

Mixter Faithful 101637 A. R. 11670	12601.9	744.69	Cherub's Promise of Shorewood 83709 A. R. 10800	12311.2	683.54
Guernest Ruth 76671 A. R. 9392	14357.2	742.88	Maxim's Golden Bella 87940 A. R. 12073	11455.5	660.99
Golden Coronet of Jean Du Luth 81283 A. R. 10315	12253.5	729.66	Upland's Goodness 89599 A. R. 10842	11648.8	652.30
Ma Floreine 90747 A. R. 12100	11186.7	695.55	Fannie of Moorland Farm 129904 A. R. 12741	12812.9	648.30
Imp. Rosie II. of Vimiera 93734 A. R. 11356	13396.9	688.35	Park's Judith Beauty 76118 A. R. 8533	12107.0	646.15

CLASS GG—TWO TO TWO AND ONE-HALF YEARS **

Norman's Missaukee Red Rose 89724 A. R. 10844	15122.3	760.72	Maple Glen Miss Frost 89053 A. R. 10888	13165.6	692.76
Merry Rose Maid 105929 A. R. 13048	13138.4	740.00	Pearl Rose of Beaver Ridge 53932 A. R. 7082	12390.4	688.80
Imp. Prospect's Rose des Houards 89003 A. R. 7549	13157.8	726.85	Minnehaha's Papoose 67732 A. R. 7211	11623.6	678.37
Tuscarora Ledyard Blossom 92158 A. R. 10732	12620.6	707.03	Leda's Daisy Moon 102680 A. R. 13425	12260.8	665.95
			Dorothy of Walnut Grove 93060 A. R. 10959	13343.3	656.95
			Missaukee Sally 103153 A. R. 13266	12008.2	637.65

AVERAGE YIELD OF 70 CLASS LEADERS 13828.63 LBS. MILK; 720.37 LBS. BUTTER FAT; 5.27 PER CENT

The above are as they appeared Aug. 15, 1923

Summary of 2497 Double Letter Records

	Records	Lbs. Milk	Lbs. B. F.	Per Cent
Class AA	711	9986.00	500.91	5.016
Class BB	183	9944.49	500.41	5.032
Class CC	227	9358.28	473.51	5.060
Class DD	235	9178.61	461.14	5.024
Class EE	274	8626.98	436.14	5.055
Class FF	308	8413.49	442.99	5.265
Class GG	559	7875.77	404.94	5.142
	2497	9034.40	458.90	5.079

Milk Production	Butter Fat Production
Best Year's Record 20004.0 lbs.	Best Year's Record 965.80 lbs.
Av. Ten Largest Records 17166.96	Av. Ten Largest Records 840.15 lbs.

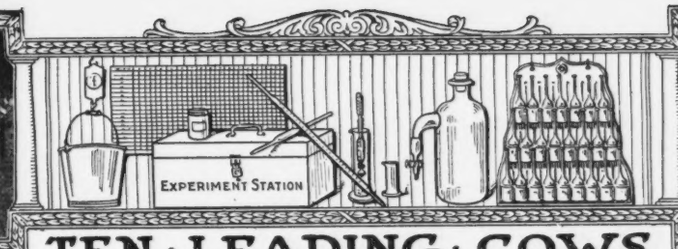
HONORABLE MENTION

Largest double letter record for which certificate has been written since last issue of JOURNAL:

Gay Lad's La Reine 40045, Re-entry: 13939.40 lbs. milk; 602.32 lbs. butter fat in Class AA.

**Butter Fat Requirements as in single letter classes. In addition a calf must be carried at least 265 days during the record and calf must be registered or birth report filed

Records; 863.36 lbs. Fat



Babcock Tester

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · OF · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER Minimum Requirement 400 lbs. Butter Fat

	Lbs. Milk	Lbs. B. F.		Lbs. Milk	Lbs. B. F.
Countess Prue 43785 A. R. 6909	18626.9	1103.28	*Dairy Maid Queen of Spring Hill 74067, A. R. 8231	18180.7	1011.18
Murne Cowan 19597 A. R. 1906	24008.0	1098.18	Langwater Hope 27946 A. R. 1978	19882.0	1003.17
May Rilma 22761 A. R. 1726	19673.0	1073.41	Yeksa's Tops of Gold's Fannie 22362 A. R. 2394	19794.9	981.53
Nella Jay 4th 38233 A. R. 3194	20709.9	1019.25	My Fancy of Falcon's Flight 42999 A. R. 7296	18214.7	979.11
Langwater Nancy 27943 A. R. 1826	18783.5	1011.66	Pearl's Dot 57445 A. R. 6140	19602.5	965.80

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS ** Minimum Requirement 381.8 lbs. Butter Fat

Edna of Mountain View 70827 A. R. 8706	16151.6	933.05	Masher's Countess of Dellwood 72081 A. R. 7650	15274.9	832.23
Marshie D. V. 67481 A. R. 6858	14729.9	915.05	Brownie of Linwood 60747 A. R. 6804	16296.8	831.07
Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Julie of the Chene 30460 A. R. 2752	15174.2	827.26
Brookmead's Starlight 73133 A. R. 10041	17078.2	870.78	Miss Bella of Rocky Reach 2d 68460 A. R. 12254	15084.0	825.31
Criterion's Clara Bella 76128 A. R. 12801	15709.3	856.21			
Georgina's Dorothy 68387 A. R. 9074	17292.4	836.79			

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS ** Minimum Requirement 363.5 lbs. Butter Fat

Pearl Rose of the Glen 47414 A. R. 4900	16855.6	884.21	Imp. Ladock Jenny 67900 A. R. 7546	15453.3	809.79
Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	Langwater Lustre 47044 A. R. 6794	17307.2	806.10
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Governess Louise 62170 A. R. 8795	14198.3	800.74
Mixter Fairmaid 87594 A. R. 9828	14713.4	839.54	Queenie of Springside 90763 A. R. 10845	13432.6	794.80
Maple Glen Lady Pollyanna 73980 A. R. 11746	13925.6	816.66	May Fly of Beaver Ridge 63933 A. R. 9800	13648.9	786.75

CLASS D—THREE AND ONE-HALF TO FOUR YEARS ** Minimum Requirement 345.3 lbs. Butter Fat

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Royal's Pearl 45209 A. R. 4384	16930.4	788.37
Cherub's Cora of Shorewood 83706 A. R. 9683	15498.9	869.56	Katonah's Dew Drop 76698 A. R. 8584	16505.5	786.04
Clover of Pencoyd 3d 48274 A. R. 4832	14360.3	818.04	Langwater Dorothy 27944 A. R. 1822	16099.7	781.65
Langwater Heroine 49483 A. R. 5292	16221.1	805.64	Lady's Hope of Maple Hill 44843 A. R. 5700	15126.4	776.63
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16

CLASS E—THREE TO THREE AND ONE-HALF YEARS ** Minimum Requirement 327.0 lbs. Butter Fat

Afterglow of Roughwood 84605 A. R. 10106	16815.7	878.16	Lassie of Rising Sun 92893 A. R. 12981	14038.2	777.26
Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Lillia of Iowa 2d 61500 A. R. 7589	14239.3	773.03
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.26	Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82
Imp. Donnington Goldie 5th 59866 A. R. 4811	17861.7	796.52	Daisy of Chicona 94894, A. R. 13460	12015.2	748.05
Golden Secret's Pearl 77034 A. R. 8595	17044.6	794.40	Brilliant Lassie 86452 A. R. 11008	13870.0	746.32

CLASS F—TWO AND ONE-HALF TO THREE YEARS ** Minimum Requirement 308.8 lbs. Butter Fat

Brightness of Indian Bridge 85110 A. R. 11524	14460.0	826.03	Emmadine Masherlette 109227 A. R. 13265	16604.0	767.59
Nella Jay of Pencoyd 77520 A. R. 8730	16325.6	810.63	Dorothy of Brookdale 103307 A. R. 11193	15927.7	764.51
Katherine's Trixie 100396 A. R. 8580	18495.7	791.48	Jesebel of Edgemoor 52584 A. R. 6195	12434.9	748.32
Langwater Hope 27946 A. R. 1978	15078.8	773.59	Mixter Faithful 101637 A. R. 11670	12601.9	744.69
Imp. Pearl of Rocque a Boeuf 94324 A. R. 11671	12929.3	773.39	Guernest Ruth 76671 A. R. 9392	14357.2	742.88

CLASS G—TWO TO TWO AND ONE-HALF YEARS ** Minimum Requirement 290.5 lbs. Butter Fat

Shuttlewick Levity 101850 A. R. 13362	16896.0	804.44	Merry Rose Maid 105929 A. R. 13048	13138.4	740.00
Norman's Missaukee Red Rose 89724 A. R. 10844	15122.3	760.72	Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97
Ultra Celia 72478 A. R. 8206	12566.2	755.83	Imp. Prospect's Rose des Houards 89003 A. R. 7549	13157.8	726.85
Langwater Phyllis 70607 A. R. 6614	13288.4	746.23	Nella Jay 4th 38233 A. R. 3194	14772.7	726.32
Brookmead's Dorothy 55715 A. R. 6082	14179.4	742.08	Maple Glen Mable Trast 96175 A. R. 12522	12723.8	719.24

AVERAGE YIELD OF 70 CLASS LEADERS 15760.19 LBS. MILK; 834.81 LBS. FAT; 5.29 PER CENT

The above are as they appeared Aug. 15, 1923

Summary of 16148 Advanced Register Records

	Records	Lbs. Milk	Lbs. B. F.	Per Cent
Class A	4864	10529.90	521.35	4.951
Class B	1035	10147.31	506.09	4.987
Class C	1257	9773.74	492.46	5.039
Class D	1358	9421.22	475.83	5.050
Class E	1613	8837.39	443.76	5.021
Class F	1954	8590.42	430.80	5.015
Class G	4067	8263.67	412.21	4.988
	16148	9397.34	468.10	4.982

Milk Production	Butter Fat Production
Best Year's Record 24008.0 lbs.	Best Year's Record 1103.28 lbs.
Av. Ten Largest Records 20162.41 lbs.	Av. Ten Largest Record 1024.66 lbs

HONORABLE MENTION

Largest record for which certificate has been written since last issue of Journal: Dairy Maid Queen of Spring Hill 74067 Re-entry: 18180.70 lbs. milk; 1011.18 lbs. butter fat in Class A.

*First appearance in this list.

**Requirements. For each day over the minimum age in each class add .1 lbs butter fat to the minimum requirements.

°13560	Carrie's College Belle 104989	10068.50	514.06	2—1	Michigan Agricultural College, East Lansing, Mich.
‡13580	Brookdale Starlight 105671	11069.10	501.94	2—3	S. R. Nissley, Manheim, Pa.
13543	Rita Princess of A. D. F. 2d 114818	9877.60	497.20	2—3	Clemson Agricultural College, Clemson College, S. C.
13568	Dolly Varden of Elgercon 111595	8448.80	490.70	2—0	Mrs. Gertrude L. C. Tucker, Willoughby, Ohio
13528	Warrior King's Camilla 104610	9484.10	485.72	2—4	Edward Wigglesworth, Topsfield, Mass.
13598	Janet L. W. Cavalier of Wawa 104854	10391.80	484.70	2—5	Wawa Dairy Farms, Wawa, Pa.
¶13538	Harbor Hill Pride 106686	8664.20	476.32	2—2	Clarence H. Mackay, Roslyn, N. Y.
13604	Auvaleen 2d 111830	9424.90	476.29	2—2	L. D. Kellogg, Deerfield, Ill.
13511	Follyland Juvenal's Fidelity 101729	8210.20	473.34	2—5	W. A. Gallup, North Adams, Mass.
‡¶13607	Shoreland Desire 103273	8542.80	455.21	2—4	L. B. Stevens, Hartland, Wis.
¶13578	Dasher's Verena of Chippewa 100883	8743.20	454.72	2—3	L. P. Martiny, Chippewa Falls, Wis.
‡13581	Brookdale Clover 109389	10590.80	449.60	2—0	S. R. Nissley, Manheim, Pa.
13515	Owasco Ultra's Beauty 113093	7898.20	433.29	1—11	C. G. Meaker Co., Inc., Auburn, N. Y.
‡13599	Ellenwood's Daisy's Princess 111010	7722.10	432.06	1—11	I. A. Cassel, Harleysville, Pa.
‡13606	Pride's Success of City View 98139	7636.80	422.17	2—5	O. R. Schwalen, Roberts, Wis.
‡¶13554	Lila of Hickory Grove 106909	7722.50	413.93	2—0	Glenn Clark, Eau Claire, Mich.
‡13559	Itchen Ranter's Alice 108418	9340.70	413.46	1—11	William Rawlings, Sandersville, Ga.
13591	Governor II. of the Ruettes's Pansy 103358	7403.40	408.94	2—2	Elizabeth Douglas, Tilly Foster, N. Y.
‡13582	Brookdale Violet 105673	7809.90	395.01	1—11	S. R. Nissley, Manheim, Pa.
13558	Spot Purism 128713	8451.60	392.97	1—10	Scranton Poor District, Clarks Summit, Pa.
13563	Dolly of Lookwell Farm 109599	8375.80	385.72	1—10	Mervin Eby, Wakarusa, Ind.
‡13522	Ne Plus Ultra's Madge 109918	8110.20	385.39	1—11	A. E. Wisler, Leetonia, Ohio
‡13600	King's Anita 102736	7927.00	379.64	2—1	I. A. Cassel, Harleysville, Pa.
‡13533	Lula of La Moinerie 115566	7072.40	373.49	2—1	Dave Owen, Mukwonago, Wis.
¶13565	Charter's Bertha of Fritzlyn 105398	6664.50	349.28	2—2	William F. Fretz, Pipersville, Pa.
13569	Fairfield Noble Girl 112280	6864.40	344.17	1—11	Miss Ruth E. Francisco, Caldwell, N. J.
13566	Royal Queen of Haviem 94793	6780.40	340.93	2—4	Emory C. Meltz, Appleton, Wis.
‡13573	Dreadnought's Paula 110239	6820.20	333.99	1—11	W. H. Umholtz, Niles, Mich.
‡**13514	Valentine Sequel's Lassie o'Brechinwood 105714	7184.10	332.41	2—0	Charles S. Mills, Jaffrey, N. H.
‡13523	Ne Plus Ultra's Pollyanna 109919	6571.80	303.94	1—10	A. E. Wisler, Leetonia, Ohio

Bulls Admitted to the A. R. by Daughters Whose A. R. Numbers Appear in Brackets

IMP. LORD MYSIE 11357 [1800-13556]
NIVOLETTE'S BEN OF HARBOR HILL 15231 [5805-13537]
ROYAL RIVAL'S SPOTSWOOD 15584 [3719-13516]
IMP. TOP TWIG 18843 [10303-13595]
VULCAN OF FALCON'S FLIGHT 29259 [13122-13546]
LALLA'S MAY KING O. D. 42418 [11885-13576]
IMP. GOLDEN JEWEL OF CLOTURE 50101 [12987-13568]
RIVAL'S LAD OF MAPLE HILL FARM 31870 [11839-13583]
COUNTESS CORA'S SQUIRE 34111 [13585-13586]
DORA'S NONPAREIL 38181 [12071-13555]
GLENWOOD'S BUTTERCUP'S KING OF BROOKDALE 47440 [13313-13580]
IMP. GOVERNOR II. OF THE RUETTES 45451 [10663-13591]
NE PLUS ULTRA'S GRANDSON 40340 [13522-13523]

Class Leader† Double Letter¶ Exceeds requirement by 100% or over° 1 & 2 day test* 1 day test‡ Farmers' Class** Re-entries R

OWNERS' STATEMENTS OF FEEDS

For Cows Exceeding Requirements by 100 Per Cent. or More

OWNER'S STATEMENT OF FEED FOR HONORIA OF HIGH POINT 106087, A. R. 13069

May—221 lbs. grain: 15 lbs. oil meal, 20 lbs. gluten feed, 186 lbs. Union Grains; 155 lbs. beet pulp, green alfalfa.
June—291 lbs. grain: 45 lbs. oil meal, 60 lbs. gluten feed, 186 lbs. Union Grains; 180 lbs. beet pulp, 600 lbs. soiling crops.
July—356 lbs. grain: 46 lbs. oil meal, 62 lbs. hominy, 248 lbs. Union Grains; 155 lbs. beet pulp, oats and peas.
Aug.—356 lbs. grain: 46 lbs. cottonseed meal, 62 lbs. hominy, 248 lbs. Union Grains; 186 lbs. beet pulp, green alfalfa.
Sept.—162 lbs. grain: 18 lbs. cottonseed meal, 24 lbs. gluten meal, 120 lbs. Union Grains; 150 lbs. beet pulp, green alfalfa.
Oct.—Same ration as given in September.
Nov.—14 lbs. daily of the following mixture: 75 lbs. each cottonseed meal, oil meal and ground oats, 100 lbs. each gluten meal, hominy and bran; 30 lbs. silage, 15 lbs. alfalfa.
Dec.—15 lbs. daily same mixture as November; 30 lbs. silage, 15 lbs. alfalfa.
Jan.—Same ration as given in December.
Feb.—Same ration as given in December.
Mar.—Same ration as given in December.
Apr.—Same ration as given in December.

OWNER'S STATEMENT OF FEED FOR GOLD DUST OF WINSTON FARMS 104878, A. R. 13588

Apr.—7 lbs. daily Rich Ration; rye, German clover, pasture.
May—14 lbs. daily Rich Ration; 4.5 lbs. beet pulp, 10 lbs. alfalfa.
June—12 lbs. daily Rich Ration; 5 lbs. beet pulp to 25th, 5 lbs. alfalfa.
July—Same ration as given in June.
Aug.—15 lbs. daily Rich Ration to 15th, then 14 lbs. daily of the following mixture: 300 lbs. cottonseed meal, 75 lbs. oil meal, 300 lbs. corn meal, 150 lbs. ground oats, 200 lbs. bran, 100 lbs. peanut meal; 3 lbs. beet pulp, pasture.
Sept.—16 lbs. daily of the following mixture: 300 lbs. each cottonseed meal and corn meal, 75 lbs. oil meal, 150 lbs. ground oats, 200 lbs. bran, 100 lbs. peanut meal; 2 lbs. beet pulp, 15 lbs. silage, 5 lbs. timothy hay.
Oct.—11 lbs. daily of the following mixture: 300 lbs. cottonseed meal, 75 lbs. oil meal, 200 lbs. each corn meal and bran, 150 lbs. ground oats, 100 lbs. peanut meal; 2.5 lbs. beet pulp, 30 lbs. silage, 5 lbs. alfalfa, pasture.
Nov.—Same ration as given in October.
Dec.—Same ration as given in October.
Jan.—7 lbs. daily same mixture as September; 30 lbs. silage, 5 lbs. alfalfa.
Feb.—Same ration as given in January.
Mar.—8 lbs. daily same mixture as September; 2 lbs. beet pulp, 30 lbs. silage, 5 lbs. alfalfa.
Apr.—Same ration as given in March.

OWNER'S STATEMENT OF FEED FOR COUNTESS STARLIGHT OF RIVERSIDE 97923, A. R. 13586

Jan.—12 lbs. daily of the following mixture: 200 lbs. each bran and Pillsbury's Dairy Ration, 100 lbs. each middlings, Schumacher Feed and oil meal; 5 lbs. beet pulp, 20 lbs. silage, 10 lbs. alfalfa, mixed hay.
Feb.—12 lbs. daily of the following mixture: 100 lbs. each oil meal, ground oats and bran, 200 lbs. Pillsbury's Dairy Ration; 5 lbs. beet pulp, 24 lbs. silage, 10 lbs. alfalfa.
Mar.—11 lbs. daily of the following mixture: 100 lbs. each oil meal, corn meal, ground oats and bran, 200 lbs. Pillsbury's Dairy Ration; 5 lbs. beet pulp, 20 lbs. silage, 4 lbs. mixed hay, 8 lbs. alfalfa.
Apr.—12 lbs. daily of the following mixture: 100 lbs. each oil meal, corn meal, ground oats and bran, 200 lbs. Pillsbury's Dairy Ration; 5 lbs. beet pulp, 20 lbs. silage, mixed hay, 10 lbs. alfalfa.
May—Same ration as given in April.
June—Same ration as given in April.
July—12 lbs. daily of 1 part oil meal, 4 parts Sterling Dairy Feed; 5 lbs. beet pulp to 25th, pasture.
Aug.—14 lbs. daily same mixture as July.
Sept.—No record given.
Oct.—12 lbs. daily of the following mixture: 100 lbs. each oil meal, corn meal, ground oats and bran, 200 lbs. Sterling Dairy Feed; 5 lbs. beet pulp, 50 lbs. roots, 8 lbs. mixed hay, pasture.
Nov.—Equal parts bran, oats, corn and oil meal; 6 lbs. beet pulp, 50 lbs. roots, mixed hay.
Dec.—10 lbs. of the following mixture: 200 lbs. bran, 100 lbs. each oil meal, corn meal and ground oats; 25 lbs. silage, mixed hay.
Jan.—No record given.

OWNER'S STATEMENT OF FEED FOR CHILMARKTRICE 100654, A. R. 13575

Apr.—12 lbs. daily of the following mixture: 100 lbs. each cottonseed meal, oil meal, gluten meal, hominy, 50 lbs. corn meal, 200 lbs. each ground oats and bran; 2 lbs. beet pulp, 12 lbs. silage, alfalfa.
May—12.5 lbs. daily of the following mixture: 100 lbs. each cottonseed meal, oil meal, gluten meal and hominy, 50 lbs. corn meal, 200 lbs. each ground oats and bran; 18 lbs. silage, 3 lbs. beet pulp, alfalfa.
June—13.5 lbs. daily of the following mixture: 100 lbs. each cottonseed meal, oil meal, gluten meal and hominy, 50 lbs. corn meal, 200 lbs. each ground oats and bran; 18 lbs. silage, 4 lbs. beet pulp, alfalfa.
July—15 lbs. daily of the following mixture: 100 lbs. each cottonseed meal, oil meal, gluten feed and hominy, 50 lbs. corn meal, 200 lbs. each ground oats and bran; 4 lbs. beet pulp, green corn, mixed hay, alfalfa.
Aug.—15 lbs. daily same mixture as July; 4 lbs. beet pulp, mixed hay, alfalfa, green corn stalks.
Sept.—15 lbs. daily same mixture as July; 4 lbs. beet pulp, mixed hay, alfalfa, green corn.
Oct.—372 lbs. grain: 31 lbs. each cottonseed meal and gluten feed, 310 lbs. Union Grains; beets, clover vetch, 62 lbs. mixed hay, pasture.
Nov.—375 lbs. grain: 30 lbs. each cottonseed meal and gluten feed, 15 lbs. oil meal, 300 lbs. Union Grains; 200 lbs. silage, 300 lbs. alfalfa, pasture.
Dec.—412 lbs. grain: 31 lbs. each cottonseed meal and gluten feed, 20 lbs. oil meal, 250 lbs. Union Grains, 100 lbs. Cow Chow; 310 lbs. each silage and alfalfa.
Jan.—Same ration as given in December.
Feb.—420 lbs. grain: 14 lbs. each cottonseed meal and oil meal, 28 lbs. each hominy and bran, 336 lbs. G. L. F. Milkmaker; 280 lbs. each silage and alfalfa.
Mar.—434 lbs. grain: 15.5 lbs. each cottonseed meal and oil meal, 31 lbs. each hominy and bran, 341 lbs. G. L. F. Milkmaker; 100 lbs. beet pulp, 310 lbs. each silage and alfalfa.
Apr.—98 lbs. grain: 3.5 lbs. each cottonseed meal and oil meal, 7 lbs. each hominy and bran, 77 lbs. G. L. F. Milkmaker; 28 lbs. beet pulp, 70 lbs. each silage and alfalfa.

OWNER'S STATEMENT OF FEED FOR MISS VICTORY'S COUNTESS 102142, A. R. 13597

May—4 lbs. daily of the following mixture: 150 lbs. each cottonseed meal, oil meal, (corn and cob) meal and ground oats; pasture.
June—10 lbs. daily same mixture as May; pasture.
July—11 lbs. daily same mixture as May: pasture.
Aug.—10 lbs. daily same mixture as May; green corn fodder, pasture.
Sept.—Same ration as given in August.
Oct.—436 lbs. grain mixture: 109 lbs. each (corn and cob) meal and ground oats, 218 lbs. Wayne Dairy Feed; mixed hay, pasture.
Nov.—420 lbs. grain mixture: 105 lbs. each (corn and cob) meal and ground oats, 210 lbs. Wayne Dairy Feed; 600 lbs. silage, 150 lbs. mixed hay.
Dec.—465 lbs. grain mixture: 116 lbs. each (corn and cob) meal and ground oats, 233 lbs. Wayne Dairy Feed; 930 lbs. silage, 93 lbs. mixed hay.
Jan.—14 lbs. daily of the following mixture: 100 lbs. each cottonseed meal and oil meal, 150 lbs. each (corn and cob) meal and ground oats, 200 lbs. bran; 930 lbs. silage, 93 lbs. mixed hay.
Feb.—13 lbs. daily of the following mixture: 100 lbs. each cottonseed meal and oil meal, 125 lbs. each (corn and cob) meal, ground oats, 250 lbs. bran; 30 lbs. silage, 3 lbs. mixed hay.
Mar.—Same ration as given in February.
Apr.—Same ration as given in February.
May—12 lbs. daily: 6 lbs. Wayne Dairy Feed and 6 lbs. of the following mixture: 100 lbs. each cottonseed meal and oil meal, 125 lbs. each corn meal and ground oats, 250 lbs. bran; pasture.

OWNER'S STATEMENT OF FEED FOR MOLLY ROSE O. D. 50617, RE-ENTRY A. R. 6210

Mar.—18 lbs. daily of the following mixture: 100 lbs. each cottonseed meal, oil meal and hominy, 200 lbs. each gluten feed, ground oats and bran; 7.5 lbs. beet pulp, silage, clover hay.
Apr.—19.5 lbs. daily of the following mixture: 100 lbs. each cottonseed meal, oil meal and hominy, 200 lbs. each gluten feed, ground oats and bran; 7.5 lbs. beet pulp, silage, alfalfa.
May—18 lbs. daily of the following mixture: 100 lbs. each cottonseed meal, oil meal and hominy, 200 lbs. each gluten feed, ground oats and bran; 6 lbs. beet pulp, pasture.
June—18 lbs. daily same mixture as May; 6 lbs. beet pulp, pasture.
July—18 lbs. daily of the following mixture: 150 lbs. each cottonseed meal, oil meal and hominy, 200 lbs. each gluten meal, ground oats and bran;4.5 lbs. beet pulp, pasture.
Aug.—18 lbs. daily of the following mixture: 150 lbs. each cottonseed meal, and hominy, 100 lbs. oil meal, 200 lbs. each gluten feed, ground oats and bran; 4 lbs. beet pulp, pasture.
Sept.—15 lbs. daily same mixture as August; 4 lbs. beet pulp, pasture.
Oct.—12 lbs. daily same mixture as August; 6 lbs. beet pulp, silage, clover hay.
Nov.—16.5 lbs. daily Ajax Dairy Ration; 6 lbs. beet pulp, silage, alfalfa.
Dec.—15 lbs. daily Ajax Dairy Ration; 5.75 lbs. beet pulp, silage, clover hay.
Jan.—13.5 lbs. daily of the following mixture: 800 lbs. Ajax Dairy Ration, 100 lbs. each oil meal and cottonseed meal; 6 lbs. beet pulp, silage, alfalfa.
Feb.—12 lbs. daily of the following mixture: 200 lbs. each cottonseed meal and oil meal, 1600 lbs. Ajax Dairy Ration; 6.75 lbs. beet pulp, silage, alfalfa.
Mar.—Same ration as given in February.

A GOOD BUY

The April Herd Register Quarterly is just off the press.
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15148 Advanced Register Cows
2775 Great Producing Dams
2149 Advanced Register Sires

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WHAT THE COWS ARE DOING

Their latest credits in the Advanced Register

SPECIAL NOTE: This list contains the monthly and total credits as checked at the time of going to press. Any omissions or back credits given signify that either data had not been received in time or are held pending verification. These credits are subject to verification and correction until final approval and acceptance and are all made on the two-day basis except where specially noted.

Name and Number	Class	Days	Month	Month Credit Lbs. Milk	Month Credit % Fat	Month Credit Lbs. B. Fat	Total Credit Lbs. Milk	Total Credit Lbs. B. Fat
ADKINS, B. F., COSQUAY FARM, HEBRON, MD.								
Cosquay's Golden Maid 113112	G	184	May	864.3	4.16	35.95	5516.5	248.81
Cosquay's Rose of Gold 88531	C	182	May	1095.3	4.85	53.12	7024.6	366.66
Rosalie of Cosquay 2d 99021	D	109	May	1266.5	4.47	56.61	4504.6	200.50
AGNEW, GEORGE B., OAKBROOKE FARM, LAKE WACCABUC, N. Y. 1 day test.								
Broad Acres Cherry 86374	B	21	May	1091.7	4.60	50.22		
s. King Masher 5th 18361 A. R.								
d. Fay of Hammond 42183 A. R. 4123								
AMES, JOHN S., LANGWATER FARM, NORTH EASTON, MASS.								
Imp. Angulosa's Blanche of Langwater 110748	D	131	June	1279.9	4.93	63.10	5739.3	285.70
Imp. Blanchette of Langwater 137101	F	95	June	1252.9	3.91	48.99	3760.7	157.20
Imp. La Moinerie's Rose of Langwater 137093	F	156	June	1021.1	4.41	45.03	6139.9	246.37
Langwater Content 105258	G	358	June	838.0	5.24	43.91	10597.8	550.05
Langwater Lady Slavy 97982	E	235	Apr	952.8	5.30	50.50		
		266	May	933.2	5.48	51.14		
		296	June	870.3	5.14	44.73	10007.0	512.83
Langwater Paysanne 76589	B	365	June	431.3	4.92	21.22	11586.4	565.98
Imp. Noble Vera of Langwater 137092	F	145	June	1188.7	4.69	55.75	5939.9	254.05
Saugerties Ultra-Rose 103022	G	365	May	293.0	5.53	16.20	9563.9	488.19
Imp. Star of Langwater 109546	A	256	June	912.0	5.26	47.97	9402.8	520.04
Valentine of Langwater 112438	G	192	June	1209.1	4.35	52.60	7896.5	340.79
ARCHER, CAROLINE, "FLYING HILL," READING, PA.								
Balinda of Flying Hill 116056	G	47	May	1255.6	4.15	52.11	1777.4	71.89
Pride's Glory of Flying Hill 103166	E	47	May	1015.3	5.12	51.98	1546.8	76.69
Pristina of Flying Hill 111626	G	171	May	846.5	5.10	43.17	5051.6	239.60
Radiant of Flying Hill 112106	G	162	May	881.3	5.96	52.53	4906.1	251.03
ATWOOD, HOWARD, ORCHARD VIEW FARM, BOLTON, MASS.								
Alice of Topinabee 69873	A	315	June	992.9	4.55	45.18	12368.7	526.78
Kalmia's Amy 92312	E	320	June	1035.9	4.57	47.34	12364.1	576.96
Lupina Albania of Nashawtuc 102247	E	264	June	873.6	4.84	42.28	8557.2	435.22
Orchard View Katherine 112176	G	171	June	958.1	4.67	44.74	5769.7	272.20
Rosette's Helen 92313	D	192	June	1089.2	5.35	58.27	7255.1	384.26
AUSTIN, JEAN LISETER LIESTER FARMS, NEWTOWN SQUARE, PA.								
Golden Mimosa of Liseter Farm 122322	G	25	June	619.9	3.84	23.80		
s. Imp. Golden Noble II. of the Briquet 40951 A. R.								
d. Imp. Mimosa III. of Meadow Farm 68672								
Princess Golden of Liseter Farm 122323	G	25	June	473.9	4.31	20.43		
s. Imp. Golden Noble II. of the Briquet 40951 A. R.								
d. Imp. Princess Lively of Frie Baton 68686 A. R. 136								
BABCOCK, H. E., INLET VALLEY FARMS, ITHACA, N. Y.								
Clo of Lickbrook 79222	A	81	May	1666.5	3.64	60.66	4401.0	161.52
BABCOCK, H. E. & MILLARD, B. N., INLET VALLEY FARMS, ITHACA, N. Y.								
Elm Road Lady Rilma 65584	A	229	May	1639.4	3.95	64.76	13428.2	574.77
Flossie Lehigh 36563	A	97	May	1574.8	4.60	72.44	5303.3	327.00
Golden Princess of Sunny Gables 102966	E	142	May	1518.5	4.44	67.42	7340.1	317.14
Lady Mary of Sunnygables 101475	D	110	Mar	1558.6	4.64	72.32		
		140	Apr	1468.8	4.58	67.27		
		171	May	1423.0	4.71	67.02	8816.1	394.01
Margaret Black 49157	A	81	May	1602.6	5.11	81.89	4406.3	213.40
BABSON, F. K., FOUR PINE FARM, HINSDALE, ILL.								
King's Annabell of Four Pine 96206	D	24	Apr	964.9	4.56	44.00		
		55	May	1284.1	4.53	58.17	2249.0	102.17
s. King of Chilmark 20798 A. R.								
d. Contrafuria 29090 A. R. 1854								
King's Babette of Four Pine 101829	G	312	Apr	557.0	6.19	34.48		
		343	May	602.6	5.01	36.22	8962.7	537.00
King's Betsy of Four Pine 112211	G	10	Mar	292.5	5.48	16.03		
		40	Apr	927.5	5.57	51.66		
		71	May	929.7	5.65	52.53	2149.7	120.22
s. King of Chilmark 20798 A. R.								
d. Lilyett 33416 A. R. 2485								
King's Carlotta of Four Pine 115199	G	20	Mar	683.7	5.02	34.32		
		50	Apr	1118.8	5.12	57.28		
		81	May	1058.7	5.15	54.52	2861.2	146.12
s. King of Chilmark 20798 A. R.								
d. Friquet's Loretta of Four Pine 80705 A. R. 9349								
King's Heiress 56631	A	365	Apr	270.4	5.84	15.79	10367.6	545.55
Imp. Les Raies Fanny III. 77347	A	181	Apr	1453.4	4.69	68.16		
		212	May	1464.2	4.60	67.35	10718.0	499.86
Imp. McKerrow's Golden Rose 68730	A	252	Mar	898.2	5.23	46.98		
		282	Apr	864.6	5.26	45.48		
		313	May	836.6	5.04	42.16	10691.9	538.43
Masher's Bud of Clover Lawn 91027	A	349	Apr	921.3	4.57	42.10		
		365	May	538.9	4.57	24.63	14025.5	647.19
Imp. Sailor Maid of Four Pine 94063	A	13	Mar	637.2	5.65	36.00		
		43	Apr	1573.7	4.28	67.35	2210.9	103.35
s. Imp. Sailor Lad of the Fontaines 51090 A. R.								
d. Royal Maid R. G. A. S. 11571 P. S.								
BACCHUS, T. W., WHITEHALL FARM, ELKTON, MD. 1 day test.								
Bonnie Lassie of White Hall 93125	D	119	May	938.7	4.56	42.80	4323.3	197.73
Lena of White Hall 93124	G	357	May	502.4	5.92	29.74	9013.7	426.31

Lilly of White Hall 121034	G	98	May	822.6	5.12	42.12	2612.4	140.55
Lotta's Sweetfern of Iona 60671	A	365	May	75.0	4.98	3.74	11995.1	518.93

BACON, MRS. ROBERT, THE ROBERT BACON FARM, WESTBURY, N. Y.

Aster of Fernbrook 106936	F	365	June	790.6	5.06	40.00	10241.0	520.35
Ultra Freesia of Fernbrook 106934	G	335	May	951.2	5.92	56.31		
		365	June	906.3	5.98	54.20	10604.0	624.44

BAER, R. A., FERNDALE, WASH. 1 day test.

Little Skagit Diamond's Babe 82602	A	118	June	1241.6	4.17	51.77	5048.6	225.26

BAILEY, HARRY, BEECHFORD FARMS, MOUNT TREMPER, N. Y.

Guernset Ruth 76671	A	17	May	913.8	5.01	45.78		
		47	June	1638.4	4.45	72.91	2552.2	118.69

s. Ne Plus Ultra 4th 29328 A. R.
d. Rose III.s Ruth of Broad Ridge 45439

BATTERMAN, HENRY L., BEAVERBROOK FARM, MILLNECK, N. Y.

Dainty Katherine of Eastover 121610	G	74	June	815.5	5.35	43.63	2177.5	114.86
Galore's Rosebud 129858	G	85	June	1029.6	3.80	39.12	2893.2	118.69

BAXTER, BERNARD, CORNALFA FARM, CONVOY, OHIO. 1 day test.

Lily of Convoy 81923	A	51	Apr	1360.9	4.26	57.97		
		82	May	1310.6	4.09	53.60		
		112	June	1091.4	4.12	44.97	4605.9	199.36
Violet of Bexley 2d 99949	E	151	Apr	793.2	5.30	42.04		
		182	May	817.1	5.24	42.82		
		212	June	757.2	5.79	43.84	5876.0	338.98

BAXTER, H. A., CORNALFA FARM, CONVOY, OHIO. 1 day test.

Pansy of Rising Sun 83589	A	8	Mar	277.9	4.03	11.20		
		38	Apr	1447.9	4.03	58.35		
		69	May	1602.4	3.96	63.46		
		99	June	1397.7	4.38	61.22	4725.9	194.23

s. Cottie's Royal Laddie 29024
d. Daisy Dairymaid 52423

BENSON, R. LAWRENCE, COVENTRY FARM, PRINCETON, N. J.

Blossom of Bowood 62681	A	263	June	1016.2	6.05	61.48	11700.6	688.10
Brookmead's Vanity 97567	C	139	June	943.1	5.53	52.15	4655.7	239.89

BOLTON, CHESTER C., FRANCHESTER FARMS, SOUTH EUCLID, OHIO.

Florrie's Dairymaid 117369	F	59	June	1036.8	4.64	48.11	1977.9	92.62
Florrie's Favorite 117365	G	350	June	670.6	4.65	31.18	9205.9	405.84
Florrie's Marshall Maid 117367	F	172	June	915.1	4.58	41.91	5755.5	277.17
Honoria of Hedgelawn 74034	A	91	June	1344.2	4.47	60.09	4733.2	207.25
Langwater Patria 108856	G	238	June	620.6	4.78	29.66	5923.9	261.10
Sweet Marie of Cedar Lane 80720	B	291	June	641.3	5.69	36.49	9497.7	463.60

BOTT, CARL, SUNNY SLOPE FARM, TRIADELPHIA, W. VA.

Imp. Mignone of Vallon 109563	F	265	June	711.8	4.60	32.74	8062.2	366.94

BREITRICK, WILLIAM L., THE CATALPA FARM, GREENVILLE, WIS.

Canterbury Bluebird's Lilly 99307	A	69	May	1492.6	4.41	65.82	3188.1	134.32
May Queen's Golden May Rose Lilly 94778	C	126	May	1133.9	5.02	56.91	4983.7	223.12

BREUCHAUD, JULES, HIGH POINT SPRINGS FARM, OLIVEBRIDGE, N. Y.

Helen of High Point 97913	D	22	May	695.8	4.52	31.45		
		52	June	1006.1	4.44	44.67	1701.9	76.12

s. Triple Masher of Harbor Hill 39249 A. R.
d. Cavalier's Helen 65648 A. R. 6821

Laddie's Favorite of Shagbark 118207	G	320	May	1001.1	5.24	52.46		
		350	June	981.4	4.95	48.58	11695.8	626.21
Zara of High Point 114050	G	120	May	952.9	4.95	47.17		
		150	June	812.0	4.93	40.03	4653.0	226.98

BREWSTER, GEORGE S., "FAIRLEIGH," OYSTER BAY, N. Y. 1 day test.

Masher's Sadie 70733	A	256	June	643.1	6.05	38.91	6679.2	389.41
Wizard's Florine 108663	G	344	June	680.1	6.35	43.19	9800.0	591.44
Wizard's Lady Vaux 104874	G	315	June	631.3	5.38	33.96	7743.4	409.09
Wizard's Lily of Fairleigh 104875	G	333	June	609.6	6.33	38.59	7962.9	454.61

BRILL, GEORGE A., ELK MOUND, WIS. 1 day test.

Creamy Linden 60718	A	4	Apr	159.2	4.02	6.40		
		35	May	1286.2	4.02	51.71	1445.4	58.11

s. Parson of Lone Pine 22368
d. Linden Bloom 39915

Parson's Butter Maid 89575	B	4	Apr	136.4	4.78	6.52		
		35	May	1197.2	4.78	57.23	1333.6	63.75

s. Parson of Lone Pine 22368
d. Creamy Linden 60718

BRILL, JOHN J., ELK MOUND, WIS. 1 day test.

Linden Bloom 39915	A	4	Apr	165.0	4.25	7.01		
		35	May	1316.2	4.25	55.94	1481.2	62.95

s. Roundwood 13216
d. Early Alice 24550

Linden's Excellence 103513	C	22	May	738.8	4.60	33.98		

s. Parson of Lone Pine 22368
d. Linden Bloom 39915

Linden's Prospect 111447	F	4	Apr	92.0	4.47	4.11		
		35	May	744.7	4.47	33.29	836.7	37.40

s. Parson of Lone Pine 22368
d. Linden Bloom 39915

BRONSON, F. E., MOUNT ZION RANCH, POYNETTE, WIS. 1 day test.

Lady Lucy of Elmwood 57393	A	104	Apr	858.8	4.69	40.28		
		135	May	860.0	5.44	46.78	4250.6	209.67
Lucille of Mount Zion Ranch 102396	F	195	Apr	389.3	5.86	22.81		
		226	May	346.0	5.93	20.52	3619.3	197.24

BRONSON, F. E., & PARKINSON, M. M., MOUNT ZION RANCH, POYNETTE, WIS. 1 day test.

Cronje Pearl 54986	A	227	Apr	990.5	5.77	57.15		
		258	May	1091.1	5.20	56.74	9449.5	501.22
Folly Juno 106709	F	159	Apr	362.6	6.08	22.05		
		190	May	395.6	5.40	21.36	3280.1	179.13
Imp. Rose of Liberty Prairie 78961	B	359	Apr	145.1	8.11	11.77	9701.6	537.83
Pauline of Lynnhurst 63359	A	210	Apr	650.9	5.42	35.28		
		241	May	731.1	5.75	42.04	5859.7	310.34

BROWN, A. J., ALGONA, IOWA. 1 day test.

Bell's Fantine Twilight of Woodside 140649	A	52	Apr	1913.1	3.78	72.32		
		83	May	1766.5	3.64	64.30	4960.0	195.13
Bonnie Dean of Woodside 116847	C	220	May	992.2	5.45	54.07	8071.7	432.18
Daisy Q. of Woodside 80539	A	113	May	1204.3	4.87	58.65	4837.3	246.97
Florane of Woodside 50148	A	128	May	887.4	4.80	42.60	4487.1	219.69
Grace of Woodside 39812	A	141	May	1237.8	4.36	53.97	5940.3	258.79
Grace's Irene of Woodside 97214	D	67	May	1539.7	4.11	63.28	3187.2	139.01
Lilly of Woodside 39813	A	125	May	1673.4	4.12	68.94	6989.4	285.42
Lizzie's Queen of Woodside 97213	A	220	May	1355.6	5.52	74.83	10399.9	484.62
Woodside's Yeksa May 108943	F	192	May	1121.6	4.75	53.28	7563.3	343.67

BROWN, H. J., PORTLAND, MAINE.

Green Meadow Psyche 114562	G	5	May	146.3	5.48	8.02		
		35	June	1044.8	5.48	57.26	1191.1	65.28

s. Langwater Renown 39636 A. R.
d. Green Meadow Phyllis 84717

Zerlina of Lilydale 116621	G	212	June	894.6	5.32	47.59	6523.2	342.33

BROWNING, P. W., MOUGHON FARM, RIVERDALE, MD. 1 day test.

Buttercup of Pine Ridge 100191	A	238	May	1156.8	5.28	61.08	9510.5	498.90
Sea Belle's Lassie of Moughon 114598	G	124	May	996.7	4.25	42.36	4047.9	169.30

BROWN, JOHN, ALGONA, IOWA. 1 day test.

Faith of Maple Lodge 101982	E	206	May	996.0	4.57	45.52	7437.0	318.05

BROWN, LONEN, ALGONA, IOWA. 1 day test.

Vine of Lickbrook 102425	E	24	Apr	1180.7	3.47	40.97		
		55	May	1459.5	3.56	51.96	2640.2	92.93

s. Golden Boy of Pencoyd 18896 A. R.
d. Vine's Best 37203

BROWN, RALPH, ALGONA, IOWA. 1 day test.

Marietta of Maple Lodge 101981	E	24	Apr	1045.5	4.75	49.66		
		55	May	1527.0	4.40	67.19	2572.5	116.85

s. Laudholm Knight 49000
d. Phyllis Marshall of Maple Lodge 79849

BROWN & SON, N. A., KIMBALL, MINN. 1 day test.

Peerless Lassie 88461	B	109	May	969.7	5.05	48.97	3890.5	203.99

BUCKLEY, H. H., CATHEDRAL FARM, ONEONTA, N. Y.

Cathedral Ann 112503	G	118	June	871.0	5.22	45.47	3723.3	184.40
Cathedral Belle 112502	G	253	June	890.7	4.74	42.22	7874.6	386.97
Langwater Andromeda 98466	D	85	June	1101.0	4.60	50.65	3168.2	148.62
Mabel's Queen of Cathedral Farm 105802	F	181	June	829.0	5.22	43.27	5862.2	305.80

BUCKLIN, WALTER S., BUCKLIN FARM, NEW LONDON, N. H.

Edgerton's Marvina 88619	C	47	June	1202.5	4.89	58.80	1835.0	96.12
Imp. Governess of Pleinmont 69292	A	150	June	937.5	5.07	47.53	5134.5	240.88

BURDEN, HENRY, LONGVIEW FARM, CAZENOVIA, N. Y.

Adaline of Home Acres 143497	F	92	May	686.7	4.65	31.93	2025.6	97.33
Fancy of Sunnygables 114557	G	92	May	608.7	4.99	30.37	1836.8	93.59
Governor du Braye's and Alice's Roxa S. 45808	A	243	May	524.7	5.68	29.80	5112.6	272.34
Lena of Home Acres 69123	A	79	May	1312.8	4.46	58.55	3290.7	151.03
Polly's Fawn of Farview 90623	D	229	May	760.9	5.67	43.14	5259.1	298.77

BURKE, JR., E. S., "HILLBROOK," CHAGRIN FALLS, OHIO.

Imp. Catmint II. 140233	A	216	June	718.3	5.03	36.13	6989.7	313.78
Clare of Gerar 2d 62298	A	85	June	1801.9	3.99	71.90	5058.5	198.14
Clare of Gerar 3d 80743	B	120	May	1300.5	5.20	67.63		
		150	June	1240.0	5.30	65.72	6658.4	337.81
Imp. Fleurie Victoria III. 140249	G	19	May	660.8	3.49	23.06		
		49	June	1235.1	3.91	48.29	1895.9	71.35

s. Imp. Angulosa's Gem of Lilyvale 68191
d. Fleurie Victoria of the Cloture R. G. A. S. 14046 P. S.

Violet of Chardon 76530	A	273	June	1010.4	5.46	55.17	9494.7	506.23

BUTMAN, G. F., SUNBEAM STOCK FARM, BANGOR, MAINE.

Albamont Fleur-de-Lis 92431	D	150	June	706.7	5.25	37.10	4170.2	204.95
Fairleigh Rosalind 88015	B	80	June	1084.6	4.92	53.36	2919.7	137.22

BUTTERWORTH, WILLIAM, MIDVALE FARM, MOLINE, ILL.

Rex's Cleopatra of Midvale 103211	G	327	June	670.1	4.95	33.17	8441.7	388.08

CALIFORNIA, UNIVERSITY OF, BERKELEY, CALIF.

California Pearl 78214	A	3	May	120.2	4.41	5.30		
		33	June	1418.0	4.41	62.53	1538.2	67.38

s. Squire of Rich Neck 33809
d. Fern Ridge Pearl 30903 A. R. 3792

Ivy's Girl of Oak Hill 111137	G	231	June	863.8	4.38	37.83	6875.1	297.12

CHENEY, B. AUSTIN, FALCON'S FLIGHT FARM, LITCHFIELD, CONN.

Falcon's Amarylla 78633	A	16	Apr	670.9	4.11	27.57		

s. Raymond's Pioneer of Lewison 19103 A. R.
d. Gem of Falcon's Flight 28116

Falcon's Edna 93987	D	109	Apr	854.3	4.84	41.35	3064.5	154.39
Falcon's Eleanor 93993	D	20	Apr	816.1	3.96	32.32		

s. Falcon's Proud Warrior 47559 A. R.
d. Fi-Fi of Falcon's Flight 46495 A. R. 7119

Falcon's Emeline 93985	D	77	Apr	1275.3	3.92	49.99	3295.0	136.88
Falcon's Essie 93989	D	109	Apr	907.3	4.79	43.46	3356.5	165.00
Falcon's Ethel 93986	D	176	Apr	653.0	6.13	40.03	4287.8	273.25
Falcon's Gay Lass 106582	E	20	Apr	714.7	3.59	25.64		

s. Duke of Flacon's Flight 32123 A. R.
d. Lettie of Falcon's Flight 37577

Virginia of Falcon's Flight 55870	A	20	Apr	836.2	3.75	31.36		

s. Prince of Litchfield 18868 A. R.
d. Jenny of Falcon's Flight 28118 A. R. 7506

CHENEY, EST., H. G., GREENWAY FARM, SOUTH MANCHESTER, CONN.

Pinta of Greenway 61843	A	71	May	1623.6	4.14	67.22	3514.7	159.69

CHICHESTER, R. H. L., "GLENCAIRNE," FREDERICKSBURG, VA.

Lady Boggs of Glencairne 103843	E	90	June	1118.4	5.11	57.15	3548.8	164.21
Little Star of Glencairne 64127	A	116	May	1390.1	4.36	60.61		
		146	June	1198.4	4.81	57.64	6496.1	293.23
Red Rose of Glencairne 89728	B	118	June	1217.6	4.67	56.86	5194.0	222.25

CLARK, LELAND J., BELLEVUE, WASH. 1 day test.

Dream Girl of Hope Farm 112040	G	283	June	889.0	5.27	46.85	9717.5	485.55
Imp. Hotton's Sunbeam II. 115880	D	272	June	713.4	4.84	34.53	6874.8	347.22

COLORADO AGRICULTURAL COLLEGE, FORT COLLINS, COLO.

Dolly Bonito 61100	A	56	May	1800.3	3.96	71.29	3063.5	134.58
Orlette's Fancy Queen 115133	G	365	May	172.1	4.31	7.42	8052.0	346.82
Woodland Mary 107457	G	230	May	700.0	5.87	41.09	5018.9	289.90

COX, LOUIS S., RANDOT FARM, METHUEN, MASS.

Randot Betsey 106373	B	160	June	1031.9	5.67	58.51	6632.7	329.24
Randot Flop 86422	B	251	May	942.2	5.03	47.39		
		281	June	928.2	5.35	49.66	8675.6	476.61
Randot Irene 106375	B	14	May	531.5	4.02	21.37		
		44	June	1242.4	4.02	49.94	1773.9	71.31

s. Imp. Roberts' Boy of the Barras 22446 A. R.
d. Irene V. of Cox Farms 45839 A. R. 4194

Randot Kate 106374	B	167	June	1048.4	4.95	51.90	6203.2	293.41
Randot Mary 2d 106379	D	170	May	943.1	5.29	49.89		
		200	June	878.1	5.89	51.72	6539.3	354.53
Randot Patience 96384	A	112	June	1175.2	4.74	55.70	4939.5	218.59

CRAIG, W. P., BELLWOOD FARM, BELLEVUE, PA. 1 day test.

Bellwood Mary Jane 107887	G	365	May	267.2	5.09	13.60	10153.1	520.96
Bellwood Vimiera Girl 100728	F	365	May	906.0	4.06	36.78	7265.5	301.56

CROCKER & SON, H. C., BELLMATH FARMS, SENNETT, N. Y. 1 day test.

Delia of Bellmath 117002	G	172	May	1015.9	4.71	47.85		
		202	June	866.8	4.81	41.69	7291.1	322.98
Itchen Bettie of Bellmath 115352	F	85	May	1033.6	4.17	43.10		
		115	June	871.2	4.69	40.86	3776.7	160.51
Lila of Bellmath 88349	C	283	Apr	370.4	5.96	22.08		
				294.7	5.54	16.33		
		314	May	976.9	5.54	54.12		
		344	June	897.7	5.74	51.53	9779.6	528.54

CURTIS, E. D., AVALON FARMS, BANTAM, CONN.

Myosotis of Westholm 2d 84148	B	209	May	840.1	5.56	46.71	6833.6	336.50

CURTIS, ROY M., MISSISSIPPI VALLEY STOCK FARM, DONAHUE, IOWA.

Stella's Lily 49984	A	150	June	1236.9	4.28	52.94	6205.4	270.67

DAVIS CO., THE., DAVIS FARMS, NEWARK, OHIO.

Babe of Lu-Alyn 76502	A	279	May	751.5	5.68	42.69	8221.6	451.11
Bonnie Fern of Valevue 70410	A	162	May	597.9	5.48	32.76	3283.3	164.38
Buckeye Crescent of Davis Farms 110393	G	161	May	609.3	4.81	29.31	3502.9	166.52
Buckeye Golden Pet 115506	G	160	Way	773.0	5.48	42.36	4196.2	206.58
Buckeye Lou of Davis Farms 105948	E	28	May	1016.6	4.74	48.19		
s. Densie's Masher 40515 A. R.								
d. Louise of Lu-Alyn 59273								
Buckeye Patience of Davis Farms 108582	F	127	May	828.0	5.06	41.90	3443.8	178.50
Buckeye Pet 115508	G	120	May	646.8	5.24	33.89	2847.6	135.99
Golden Pet of Orchard Springs 91864	B	182	May	672.5	5.67	38.13	4588.3	237.77
Louise of Lu-Alyn 3d 82142	B	246	May	642.1	5.83	37.43	6284.8	340.78
Imp. Rose III. of Vimiera 77345	A	277	May	640.2	5.16	33.03	7846.4	382.02
Imp. Rugby's Queen II. 32062	A	5	Apr	151.4	4.00	6.06		
		36	May	1047.0	4.00	41.88	1198.4	47.94
s. Imp. Raymond of the Preel VI. 14360 A. R.								
d. Imp. Red Rose Queen 32040 A. R. 1672								
Sharon Belle 76326	A	81	May	905.9	6.66	60.33	2567.0	146.71
Trevose Maid 76616	A	112	May	1236.4	4.40	54.40	4405.0	198.39
Woodvale Rivella 80325	A	231	May	791.8	4.61	36.50	7314.1	343.81

DAVIS, JAMES T., MOUND VIEW FARM, MINNEAPOLIS, MINN. 1 day test.

Evelyn of Lone Elm Farm 140502	G	68	May	1143.0	4.30	49.15	2565.1	112.57
Homestead Rose of Woodend 62168	A	266	May	578.9	6.02	34.85	6074.1	335.71
Lily's Mayflower Lady 115269	G	231	May	652.8	5.44	35.51	5236.0	261.31
Lily's Mayflower of Highcroft 2d 115268	F	236	May	435.0	6.24	27.14	3795.7	221.30
Pride's Helen of Englewood 99531	E	210	May	1031.1	4.65	47.95	7704.3	346.37
Tricksey of Lone Elm Farm 113590	F	263	May	1243.0	5.20	64.64	11628.6	531.31

DEMING, H. P., THE ELM TREE FARM, WINSTED, CONN.

Cavalaretta 107183	F	238	May	565.0	5.59	31.58	4871.4	240.90
Cavalier's Dorothy 107184	F	173	May	973.4	5.07	49.35	5595.5	248.40
Cosyetta's Chesterbrook Maid 98062	D	245	May	788.6	5.53	43.61	6337.0	324.45
Cozine 57632	A	166	May	760.7	5.73	43.59	4840.4	275.52
Cozine's Princess 92352	D	233	May	488.8	5.25	25.66	5025.3	233.77
Duchess Finnie 92354	D	311	May	614.9	6.20	38.12	7223.2	394.16
Elm Tree Itis 89246	B	65	May	923.8	6.19	57.18	2060.2	117.98
Fanstay's Mayfield 99859	F	365	May	207.3	7.67	15.90	6252.9	385.85
Kala Lily 107181	F	238	May	625.0	5.25	32.81	5460.2	247.65
Princess Mayfield 69313	A	280	May	523.2	6.67	34.90	5832.4	350.34

DICKINSON, B. N., TRI-GABLES FARM, CHAZY, N. Y.

Trigables Princess Tonette 142038	G	45	May	1129.6	5.73	64.73	1559.4	85.49

DODGE SHOE CO., NATHAN D., SUNSHINE FARMS, NORTH HAMPTON, N. H.

Edith of Stannox 87889	A	280	May	576.0	5.78	33.29	7284.6	388.45
Imp. Fascination of Easton 102675	E	187	May	751.2	6.32	47.48	5180.9	331.94
Vimiera's Hardwick Gem 98971	E	137	May	970.9	5.00	48.55	4494.1	240.11

DOMASZEK, MATT., AMHERST JUNCTION, WIS.

Bob's Elderon's Rose 98795	C	52	June	1352.8	5.55	75.07	2388.8	125.11

DOUGLAS, ELIZABETH, SPRING FARM, TILLY FOSTER, N. Y.

Imp. Fleury's Fancy 115939	G	264	May	449.8	5.42	24.38	4382.3	236.22
Imp. Missie II. of Avondale 115914	F	254	May	822.2	4.17	34.29	6923.7	329.59

DRINKWATER, G. T., ESMERALDA DAIRY RANCH, LAKESIDE, CALIF.

1 day test.

Hero's Eva of Beirnetown 108486	F	61	May	1117.1	4.50	50.27	2339.0	105.13
Moss Figtree of Longwood 105154	E	15	Apr	552.6	4.52	24.98		
		46	May	1089.6	4.52	49.25	1642.2	74.23
s. Fussie's Raider of Waddington 29318								
d. Figtree Leaf of Keewaydin 46004								

DRURY, F. E., CEDAR HILL FARM, GATES MILLS, OHIO.

Bleu-Bell of Drury Lane Farm 99927	D	140	May	1563.8	4.47	69.90		
		170	June	1433.1	4.68	67.07	8974.4	393.93
Pauline of Rising Sun 100835	D	69	June	1233.8	4.85	59.84	2829.6	137.88
Pauline of Shady Lawn Guernsey Farm 96386	D	303	June	1044.0	5.54	57.84	10595.3	553.86
Paul's Le Dade 103508	E	92	May	1491.8	4.26	63.55		
		122	June	1398.9	4.58	64.07	5857.1	252.83
Rayfield Beauty of Drury Lane 98495	D	72	Apr	1394.2	4.97	69.29		
		103	May	1380.3	4.74	65.43		
		133	June	1285.9	5.14	66.10	6113.6	296.71
Stranger's Lassie 90764	C	187	June	1237.6	4.36	53.96	8227.3	327.36

DUPEE, WALTER H., ROSEMOOR FARM, RIVERSIDE, CALIF.

Blue Belle's Lily of Valleyview 105001	E	100	May	1042.8	4.08	42.55	3676.9	150.44
Evaline of Herodale 64416	A	214	May	1429.0	4.36	62.30	10498.4	489.24
Joan of Sarnia 97118	D	168	May	1233.6	4.58	56.50	7545.6	338.51
Monogram's Sweet Clover 136523	A	161	May	1117.6	4.58	51.19	6592.1	318.62
Pergue's Amarilla Nancy 106594	F	184	May	1041.4	4.81	50.09	6638.5	304.74
Pergue's May Queen 103850	E	145	May	971.4	4.42	42.94	5164.7	232.87
Princess Natalie 81768	A	30	Apr	1498.6	5.89	88.27		
		61	May	1234.1	4.48	55.29	2732.7	143.56
s. Cora's Glen 31541								
d. Imp. Lady Dunmore III. 19688 A. R. 852								

EMERSON, I. E., BROOKLANDWOOD FARMS, BROOKLANDVILLE, MD.

Brooklandwood May Queen 106746	G	329	June	552.5	4.53	25.03	9758.5	414.83
Jacqueminot's Lily Belle 69746	A	365	June	508.0	4.33	22.00	11372.6	490.51
Lady Low's Irene of Richland 58639	A	166	June	1239.3	4.83	59.86	7976.7	372.10
Imp. Lisle's Belle of Mara Alva 68127	A	166	June	1205.6	4.21	50.76	7660.3	320.66
Sophie of Brooklandwood 96310	E	329	June	654.8	5.99	39.22	9123.6	515.58

ENDICOTT FARMS, INC., THE, NORWOOD, MASS.

Imp. Alderney Mabel of Oaks Farm 94113	B	258	June	1092.9	4.88	53.33	10397.6	498.60
Mixter Janie 113992	F	78	June	1127.8	4.38	49.40	2833.9	124.33
Imp. Molly of Endicott Farms 129444	F	67	June	1136.0	4.72	53.62	2471.0	112.22
Pharaon's Dolly of Oaks Farm 106533	F	203	June	891.9	4.34	38.71	6342.5	258.01
Imp. Rouge of Endicott Farm 129445	F	61	June	1328.0	3.89	51.66	2532.0	102.23
Royal's Daisy of Oaks Farm 1006552	F	329	June	843.2	5.01	42.24	8267.6	416.09
Yeoman's Mixter Symphony 101640	D	303	June	1241.8	4.60	57.12	11762.5	511.68

ENTSMINGER, C. E., ARLINGTON, WASH.

Sunny Rose Traveler 94973	E	365	May	6.2	6.57	.41	9479.2	585.13

FAHNESTOCK, WILLIAM H., "GIRDLE RIDGE," KATONAH, N. Y. 1 day test.

Rosy O'Grady of Edgewater 102116	A	83	May	1030.9	4.46	45.98	2897.0	127.16

FARRELL, MARGARET BRADY, MAPLE MANOR FARM, NIVERVILLE, N. Y.

Derbette's May Rose of Maple Ridge 76937	A	73	May	1543.0	4.77	73.60	3151.1	180.86
Gayhead's Morning Glory 61098	A	65	May	1345.3	4.91	66.05	2659.1	133.58
Gloriette of Maple Manor 145559	G	10	May	181.4	4.68	8.49		
s. Langwater Africander 57121								
d. Gayhead's Morning Glory 61098								

FAXON, S. B., BLUE BARNS FARM, SCHENECTADY, N. Y. 1 day test.

Criterion's Daisy of Rockstone 69660	A	58	June	1627.4	3.40	55.33	3131.4	114.89
Nestor's Galaxy Blanche 87504	B	150	June	1121.4	4.35	48.78	5909.0	257.31
Princess Irene of Birchton 56388	A	133	June	1274.9	4.28	54.57	5744.5	227.26

FENWICK, G. BERNARD, MARBERNE FARM, GLYNDON, MD.

Albamont Celandine 100018	E	22	June	1032.8	3.95	40.80		
s. Don Diavolo of Linda Vista 23565 A. R.								
d. Gabriel of Arcadia's La Belle 66697								
Albamont Corydalis 98798	D	4	May	146.7	4.58	6.72		
		34	June	1197.8	4.58	54.86	1344.5	61.58
s. Don Diavolo of Linda Vista 23565								
d. Langwater Music 40707 A. R. 8636								

FERGUSON, R. H., WALNUT GROVE FARM, KIRKWOOD, PA.

Anthea of Walnut Grove 71884	A	195	May	1074.9	4.87	52.35		
		225	June	1061.0	4.54	48.17	8528.2	392.66
Fern of Walnut Grove 104473	E	115	May	1234.1	4.58	56.52	4699.8	227.80
Frances of Walnut Grove 114310	G	163	May	956.4	4.69	44.86		
		193	June	902.4	4.68	42.23	6356.6	294.15
Oxford's Beauty of Walnut Grove 114308	F	56	May	1171.9	4.07	47.70		
		86	June	1120.6	4.05	45.38	3163.2	130.17

FITZMAURICE, E. M., VILLAGE VIEW GUERNSEY FARM, BERLIN, WIS.

Imp. Coralla of Riverside Park 61479	A	109	June	1086.8	4.49	48.80	4355.7	191.54
Gordon's Valentine of Village View 88662	C	122	June	868.8	5.66	49.17	3845.8	210.25
Governor's Dawn of Village View 75274	A	249	June	941.3	4.91	46.22	9015.4	453.04
Governor's Jennie of Village View 75273	A	273	June	849.5	5.29	44.94	8401.0	435.13

FORSTER, WILLIAM H., ETHERSTON FARM, ERIE, PA.

Etherston Roxy 98767	F	292	June	946.9	5.21	49.33	9913.0	489.89
Etherston Ultra Grace 119038	G	23	May	583.0	4.88	28.45		
		53	June	821.3	4.88	40.08	1404.3	68.53
s. Saugerties Ultra Rival 53557								
d. Lady Margaret of Ulao Terrace 50016 A. R. 12848								
France Sequel's Valentine 92706	D	339	June	510.7	5.50	28.09	7545.1	369.56
Imp. Grace May of Mara Alva 68094	A	28	May	1258.3	3.66	46.05		
		58	June	1362.5	4.45	60.63	2620.8	106.68
s. Raymond of Blaye Farm R. A. A. S. 191 P. S. A. R.								
d. Trixie R. A. A. S. 1676 P. S.								
Rival's Early Rose 111161	G	303	June	603.6	5.95	35.91	5842.2	330.52
Rival's Itchen May 119039	G	6	May	148.5	4.50	6.68		
		36	June	831.6	4.50	37.42	980.1	44.10
s. Saugerties Ultra Rival 53557								
d. Yra Jeane 73029								
Valerie Sequel 86792	D	339	June	667.4	5.59	37.31	10161.3	516.97
Wyebrook Lady Africander 116891	G	220	June	839.2	5.10	42.80	6272.8	283.41

FOX, F. E., WAUKESHA STOCK FARM, WAUKESHA, WIS.

Aviator's Jewel of Waukesha 111859	G	31	May	884.7	5.37	47.51		
		61	June	905.3	5.03	45.54	1790.0	93.05
s. Aviator of Edgemoor 49387								
d. Benton's Mabel of Waukesha 96325 A. R. 10679								
Fancy Star Beauty 73666	A	99	June	958.9	4.20	40.27	3460.7	149.28
Fern of Pierce 96945	D	122	June	968.9	4.31	41.76	4394.4	181.22
Lady Fawny's Hope of Waukesha 111858	F	81	June	1124.0	4.53	50.92	3022.4	146.30
Meadow Brook Nannie 66215	A	242	June	471.0	4.57	21.52	5969.6	279.47
Noble Regent's Beauty 114076	F	150	June	1121.2	4.40	49.33	5446.9	230.84
Violet of Guernsey Hill 71382	A	266	May	818.5	5.98	48.95	8460.2	465.21

FRAUENHEIM, O. R., MAPLE CREST FARM, RANDOM LAKE, WIS.

Imp. Duvaux of Sarnia 58763	A	243	May	996.7	5.35	53.32	8772.2	488.22

***FRETZ, WILLIAM F., "FRITZLYN," PIPERSVILLE, PA.** 1 day test.

Charter Lily of Fritzlyn 84797	C	250	June	885.8	4.18	37.03	8411.8	402.46
Charter's Liberty of Fritzlyn 110644	G	177	June	784.4	4.73	37.10	5087.4	239.55
Charter's Senecta of Fritzlyn 109149	G	135	June	755.2	5.19	39.19	3666.8	179.66
Fritzlyn's Frances Rose 113107	G	167	June	729.0	3.66	26.68	4317.8	177.76
Fritzlyn Ultra Lily 113108	G	193	June	801.0	4.52	36.21	5650.0	279.69
Golden Noble's Fanny of Fritzlyn 58928	A	365	May	13.1	5.81	.76	9700.1	498.88
Keenan's Dollar Princess 99365	D	122	June	928.2	3.97	36.85	4344.5	189.77
Keenan's Floradora 111648	F	142	June	667.1	4.36	29.09	3456.9	161.97
Keenan's Sunshine Girl 100149	E	17	May	618.0	4.03	24.91		
		48	June	1094.5	4.23	46.30	1712.5	71.21
s. Upland's Caesar 40788 A. R.								
d. Jolly Boy's Gem 37409 A. R. 6778								
Pine Grove's Star 55101	A	135	June	948.6	4.37	41.45	4795.0	205.81
Ultra Quail of Fritzlyn 105399	G	365	May	10.4	8.40	.87	5114.8	317.44
Ultra Rose of Fritzlyn 112902	G	231	June	592.3	6.17	36.54	5047.2	283.63

*Tested by the National Farm School

FRUIT BROS., MAPLE HILL GUERNSEY FARM, WAUKESHA, WIS. 1 day test.

May King's Miss Maud 77890	A	254	May	854.1	5.40	46.12	7124.6	370.70
Miss Dorothy of Maple Hill 89871	C	103	May	1198.1	4.65	55.71	4065.1	212.22
Orinda of Wilruss 81792	B	167	May	1368.8	4.29	58.72	7844.2	307.32
Rex's Alice of Maple Hill 88676	C	248	May	581.5	6.22	36.17	5921.1	307.21
Rex's Lily of Maple Hill 98605	E	212	May	829.4	5.08	42.13	5723.7	316.61
Rosemary of Maple Hill 111363	G	293	May	575.2	5.34	30.72	6058.6	296.50

FUNDERBURK, J. E., CHERAW, S. C.

Grape Lawn Princess Christine 82182	A	61	May	883.8	4.44	39.24	1651.0	65.09
Lady Ann of Kimberly 106405	D	147	May	831.9	4.18	34.77	4147.4	175.13
May King's Maid of Mara Alva 79556	A	31	May	1441.1	3.77	54.33		
s. May King's Laddie of Chilmark 32065								
d. Kaloolah Queen 59034								
Susie Irene of Richland 90314	A	31	May	1003.0	3.42	34.30		
s. Galaxy's Equal of Chestnut Hill 23176 A. R.								
d. Lady Low's Irene of Richland 58639 A. R. 9616								

GERMAN, JOHN W., REDVALE FARM, REDDING, CONN.

Autocrat's Lady Jane of Redvale 115824	G	147	May	894.6	4.82	43.12	4327.5	209.49
Imp. Emblem's Pansy 137088	F	111	May	1053.5	4.69	49.41	3818.5	177.43
Laddie's Jessie of Edgemere 67949	A	196	May	1077.5	4.69	50.53	8800.7	385.29
Imp. Noble Boy's Countess Daisy of Redvale 114710	E	101	May	1311.7	4.93	64.67	4367.3	205.14

Imp. Richesse IX. of the Duvaux 39925	A	226	May	973.7	4.52	44.01	7920.6	359.52

GETTY, H. B., OVERBROOK FARMS, NEW WINDSOR, MD.

Overbrook Blossom 115544	G	181	June	877.6	4.28	37.56	5836.3	243.78
Overbrook Keepsake 118644	G	181	June	778.1	4.46	34.70	4911.1	216.36
Overbrook September 111673	F	56	June	1100.5	4.44	48.86	2001.5	97.51

GRIFFIN, T. J., WEST ABINGTON, MASS.

Rosemead Zenobia 87805	B	31	May	1574.6	4.04	63.61		

s. Dewdrop's Golden Noble 37756
d. Imp. May Queen of Duvaux III. 65756 A. R. 6428

GRIFFITH, J. EDWIN, GRIFFWOOD FARMS, MOUNT WASHINGTON, MD.

Anton's Pretty Rose 112401	G	212	June	616.5	5.04	31.07	5181.3	253.26
Edith's Ultra Rose of Griffwood 120742	G	30	May	726.0	4.81	34.92		
		60	June	753.0	4.72	35.54	1479.0	70.46

s. Ultra Rose King 42964
d. Edith of Pleasant Hill 54412 A. R. 5731

Kate Pie's Ultra Rose 112508	G	186	June	723.3	5.39	38.99	5013.0	243.77
Lady Jane of Griffwood 110682	F	143	June	843.2	5.47	46.12	4271.5	221.34
Lady Jenny's Patience 85634	B	150	June	1049.0	5.54	58.11	6001.3	309.41
Prelate's Primrose of Griffwood 121765	G	171	June	789.7	6.05	47.78	5221.0	291.06
Queen Wyola of Griffwood 112507	G	103	June	805.7	5.43	43.75	2911.0	145.67

GRIFFITH, WEBSTER, EBENSBURG, PA. 1 day test.

Goldie Marie of Ebensburg 86924	B	15	May	604.8	4.95	29.94		
		45	June	1290.8	5.06	65.31	1895.6	95.25

s. Olga Marie's Prince 41630
d. Goldie of Ebensburg 70245

Langpen's Miranda of Ebensburg 93248	C	21	June	831.3	5.11	42.48		

s. Langpen of Pencoyd 37266
d. Miranda of Mapleton's Niece 33681

Raymond's Deanie 66968	A	30	Apr	1504.5	4.20	63.19		
		61	May	1880.1	4.20	78.96		
		91	June	1794.2	4.21	75.54	5178.8	217.69

s. Gem's Raymond 29997
d. Glenwood's Deanie of Hazelbrook 33737

GRISWOLD, C. D., GUERNSEYDALE FARM, WEST SALEM, WIS.

Guernseydale Violet 109377	F	243	May	908.3	4.65	42.24	8242.5	370.83
Mary Garden 84893	C	231	May	1072.2	5.30	56.83	9251.0	464.17

GRISWOLD, H. W., WEST SALEM, WIS.

Lady Lora D. 80414	A	167	May	1195.0	4.07	48.64	6924.4	285.03

GUPTILL, R. P., ECHO BAY FARMS, ELCHO, WIS. 1 day test.

Bettina of Echo Bay Farms 79120	A	144	May	1243.2	4.22	52.46	6037.3	262.98
Clara's Sequel's Lassie of Echo Bay 91258	C	190	May	1109.6	4.35	48.27	7899.1	309.98
Crown Jewel of Echo Bay Farms 88121	C	159	Apr	1027.4	6.90	70.89		
		190	May	988.7	7.57	74.84	6609.5	441.92
Diana of Echo Bay Farms 99760	D	248	May	1011.8	5.32	53.83	8488.2	444.71
Echo Bay Farm Emerald 115400	G	212	May	846.8	5.86	49.62	6211.3	303.90

HALL, FRANK L., WILLIAMSVILLE, N. Y.

Daisy Cole of Westwood 34839	A	31	May	1688.8	3.51	59.28		

s. Old King Cole 11293 A. R.
d. Princess of Westwood 23037

Don's Daisy of Willowdale 99250	D	44	May	1295.6	4.72	61.15	1752.7	87.11
Elizabeth Ann of Mapleton Spring Farm 121343	A	116	May	1359.7	3.90	53.03	5206.0	210.39
Esperance of Chilmark's Rose 109273	A	320	May	885.0	5.19	45.93	10853.0	499.28
Ethelyn of Sunnyside 3d 93289	D	167	May	1020.9	4.50	45.94	6442.6	300.63
Masher's Rosamond of Maple Glen 48232	A	365	May	681.3	4.80	32.70	11977.8	513.79

HAMILTON, WILLIAM P., TABLE ROCK FARMS, STERLINGTON, N. Y.

Florham Daphne 56565	A	212	May	1356.0	4.77	64.68		
		242	June	1161.7	4.87	56.57	10810.2	542.74
Hillswold Amabel 62852	A	158	May	1059.6	4.85	51.39		
		188	June	964.5	5.07	48.90	6854.5	343.95
Langwater Laundress 70311	A	31	May	1415.6	5.25	74.32		
		61	June	1323.6	4.37	57.84	2739.2	132.16

s. Langwater Legacy 31324
d. Langwate Barmaid 47042

Table Rock Daphne 112275	G	284	May	995.9	4.62	46.01		
		314	June	886.6	5.11	45.31	10289.2	500.16
Table Rock Dorothea Rose 91985	D	134	May	1017.7	5.02	51.09		
		164	June	918.2	5.30	48.66	5694.1	300.38
Table Rock Miss Bob 112274	F	12	June	432.5	4.92	21.28		

s. Langwater Kaiser 31675 A. R.
d. Imp. Downe Bob 75503 A. R. 9967

Table Rock Rosebelle 91987	E	268	May	869.1	5.03	43.72		
		298	June	771.2	5.19	40.03	10210.6	540.18
Table Rock Rosemaid 106211	G	284	May	858.8	5.41	46.46		
		315	June	787.2	5.25	41.33	7797.7	416.58
Table Rock Rosepine 102811	F	289	May	454.1	6.60	29.97		
		319	June	374.7	6.17	23.12	6052.9	366.99

HAMMOND, JOHN HENRY, DELLWOOD FARM, MOUNT KISCO, N. Y.

Noble's Adele of Dellwood 117818	G	4	May	167.9	3.94	6.62		
		34	June	1338.3	3.94	52.73	1506.2	59.35

s. Noble Regent of Allenwood 44384
d. Masher's Adele of Dellwood 78326 A. R. 12882

Rival's May Rose of Dellwood 48973	A	330	June	1047.3	4.90	51.32	12261.4	650.84

HANNA, JR., H. M., SLEEPY HOLLOW FARM, WILLOUGHBY, OHIO.

Sally Ann 82242	B	310	June	719.8	4.76	34.26	7682.5	360.53

HARGER, A. EARL, WAUSEON, OHIO.

Bonnie Dell Beatrice 115410	D	54	May	931.4	4.62	43.03	1618.6	75.53
Wauseon Princess 111095	F	61	May	925.3	4.61	42.66	1840.5	86.59

HARRIS, ED. G., RAYCLIFFE FARMS, GASPORT, N. Y.

Ethel of Edgewater 104193	G	365	May	81.4	5.19	4.22	9413.2	408.19
Miss Jean of Edgewater 110262	G	323	Apr	535.2	6.04	32.33	7492.6	382.21
True Lass of Edgewater 110175	G	335	May	760.5	4.44	33.77	7944.7	329.97

HASKELL, H. G., HILL GIRT FARM, COSSART, PA.

Belle of Hill Girt 109665	F	171	Apr	735.1	5.39	39.62		
		202	May	815.0	5.38	43.85	5467.3	300.65
Edna Glenwood 57196	A	141	Apr	1205.8	4.78	57.64		
		172	May	1221.5	5.09	62.17	7407.1	376.99
Elen of Hill Girt 116941	G	4	Apr	107.3	4.65	4.99		
		35	May	1082.7	3.79	41.03	1190.0	46.02

s. Picardy 53127
d. Helen of Hill Girt 75411 A. R. 7713

Fisherman's Phillida of Rockstone 74929	A	360	Apr	162.7	6.51	10.59		
		365	May	20.7	6.51	1.35	8982.1	515.12
Galli Curci of Hill Girt 82822	A	21	Apr	625.1	4.81	30.07		
		52	May	1115.8	4.91	54.79	1740.9	84.86

s. Jesse of Oak Hill 30519 A. R.
d. Imp. Noble Girl 5th of Glynn 53981 A. R. 7936

Helen of Hill Girt 75411	A	365	Apr	65.2	6.65	4.34	11684.8	610.65
Mixter Dora 62940	A	21	Apr	871.8	4.14	36.09		
		52	May	1379.1	3.83	52.82	2250.9	88.91
s. Langwater Demonstrator 16451 A. R.								
d. Thirty Thousand One Hundred Twenty 30120 A. R. 3461								
Imp. Noble Girl 5th of Glynn 53981	A	21	May	840.8	4.92	41.37		
s. Reveller 2363 E. G. H. B.								
d. Imp. Noble Girl of Glynn 53920								
Rose of Hill Girt 107106	G	168	Apr	805.4	4.77	38.42		
		199	May	882.5	4.57	40.33	5840.5	286.92
Wasteland Economy 107229	G	291	Apr	662.4	5.81	38.49		
		322	May	724.2	5.64	40.84	7771.3	428.80

HASS, EDWARD, CALUMET GUERNSEY FARM, NEW HOLSTEIN, WIS.

Lily of Calumet 62390	A	111	May	1583.9	3.33	52.74		
		141	June	1457.0	3.52	51.29	6763.8	231.40

HASTINGS, J. T., GREEN MEADOW FARM, KIRKWOOD, PA. 1 day test.

Carolina of Hill Girt 95046	D	119	June	984.0	4.85	47.72	4098.9	197.31
Green Meadow's Lady Hope 119961	E	108	June	1118.3	3.50	39.14	4174.9	161.79

HAYWARD, HARRY, DEVON, PA. 1 day test.

Gold Queen's Lady of Valley View 74979	A	242	June	775.4	5.25	40.71	7100.2	360.55
Jane's Polly of Valley View 68837	A	210	June	613.3	4.90	30.05	5721.0	281.46
Matie of Valley View 77493	A	212	June	954.1	4.49	42.84	7719.7	360.02

HEFTER, H. J., TATTOUR FARM, BYRON, WIS. 1 day test.

Alice of Maple Broeck 107023	D	329	June	811.1	5.20	42.18	9440.5	435.80
Betty Cream Pot 71097	A	346	June	124.5	6.31	7.86	11563.9	524.17
Golondriena of Sunny Ridge 107138	F	310	May	583.9	6.36	37.14	5968.7	350.51
Jennie of Bonita 55985	A	258	June	833.2	4.84	40.33	8953.6	476.17
Queen Anne of The Maples Farm 55664	A	293	June	635.6	4.59	29.17	9157.6	431.06

HERBERT, PRESTON, MAPLE SHADE FARM, BRIARCLIFF MANOR, N. Y.

Mixter Alice 79590	B	325	May	1163.1	5.49	63.85	12381.0	636.45
Imp. Molly III. of the Fontaines 110640	B	88	May	1564.7	4.40	68.85	4602.4	224.68
Imp. Molly's Dairymaid of Maple Shade 120563	G	85	Apr	1201.4	5.20	62.47		
		116	May	1219.7	5.28	64.40	4597.2	228.98

HILL, CHARLES L., "SARNIA," ROSENDALE, WIS. 1 day test.

Imp. Flirt of Sarnia 87351	A	365	May	463.1	4.38	20.28	8639.8	422.86
Imp. Fragrant of Sarnia 87352	A	279	May	804.4	5.15	41.43	8871.4	412.07
Imp. Freda of Sarnia 87350	A	175	May	861.5	5.96	51.35	5873.9	293.75
Janice of Sarnia 99645	E	84	May	1190.4	4.51	53.69	3504.5	164.71
Katurah of Sarnia 115134	G	182	May	901.8	5.16	46.53	5683.5	253.53
Keepsake of Sarnia 115136	G	208	May	582.2	4.59	26.72	5403.7	241.67

HOARD, A. R., "KOSHKONONG PLACE," FORT ATKINSON, WIS.

Ann of Koshkonong Place 101835	F	265	June	826.7	3.95	32.65	8101.9	330.63
Bess of Koshkonong Place 7th 101834	F	280	June	772.1	4.67	36.06	7896.9	378.05
Bouquet of Koshkonong Place 89379	C	72	May	1365.8	4.53	61.87		
		102	June	1210.3	4.35	52.65	4508.5	196.84
Celia of Koshkonong Place 104585	F	229	June	762.9	4.78	36.47	6991.8	344.10
Floss of Koshkonong Place 92814	D	127	June	721.2	4.35	31.37	4020.1	175.50

HOEN, FRANK J., GLYNDON, MD. 1 day test.

Fisherman's Flory of Mt. Ararat 117090	F	91	June	901.5	5.45	49.13	2749.8	149.30
Honey Dew of The Roses 87806	D	287	June	701.9	5.43	38.11	8340.9	410.22
Rosebud of Liberty Hills 89788	B	181	June	731.7	5.95	43.54	5647.5	318.45
Sunbeam of Glen Haven 76421	A	201	June	1241.2	5.05	62.68	8902.8	487.19

HOGE, L. CLARK, OPHIR FARM, LEESBURG, VA.

France's Jessy Rose 103593	F	321	May	1023.8	4.30	44.02	10314.6	450.11
France's Royal Rose 93422	E	320	Apr	686.1	5.13	35.20		
		351	May	685.9	4.83	33.13	11304.1	504.08
Ophir Royal Rose 125530	G	141	May	1013.9	4.66	47.25	4492.3	199.99
Rose of Brooklandwood 75802	A	56	May	1788.8	3.55	63.50	3205.3	119.31

HOLLERITH, HERMAN & CHICHESTFR, R. H. L., "GLENCAIRNE," FREDERICKSBURG, VA.

Lady Mobjack 3d 112494	F	116	May	1197.1	5.66	67.76		
		146	June	1050.3	5.99	62.91	5461.5	288.61

HOLMES, C. F., OVERLAND GUERNSEY FARM, OVERLAND PARK, KANS. 1 day test.

Gloria's Nella Jay of Overland 94732	D	131	May	934.5	3.78	35.32	4228.8	165.57
Golden Secret's Augusta of Overland 118706	G	3	Apr	43.3	4.51	1.95		
		34	May	718.9	4.51	32.42	762.2	34.37
s. Nella Jay 2d's Golden Secret of Pencoyd 41772 A. R.								
d. Augusta of Overland Farm 77609								
Moss Raider's Betty 109543	G	192	Apr	316.8	6.20	19.64		
		223	May	281.8	7.14	20.12	4308.5	233.39
Moss Raider's Sass Box 91672	B	294	May	393.5	3.94	15.50	6833.8	285.85

HOMPE, MARJORIE, FOREST HILL FARM, GRAND RAPIDS, MICH. 1 day test.

Forest Hills Princess 122876	G	7	Apr	147.5	5.05	7.44		
		38	May	704.0	5.05	35.55	851.5	42.99
s. Murne Cowan's King of the Age of A. D. F. 52375								
d. Rita Chene of A. D. F. 66096 A. R. 13198								

HOPPERT, M. J., NORWIND FARM, SHEBOYGAN, WIS.

Norwind Rose 97869	D	19	Apr	981.3	4.01	39.35		
		50	May	1823.1	4.01	73.11	2804.4	112.46
s. Langwater Banner Bearer 42650								
d. Rosa S. 3d 59246								
Triple Oaks Betsey 93418	D	166	May	1064.8	4.85	51.64	5982.6	304.96
Triple Oaks Daisy 93417	D	203	May	1017.8	5.01	50.99	7548.9	392.99

HOTCHKISS, FRANK A., OAKHURST FARM, MILLERTON, N. Y.

Daisy's May Queen of Maple Knoll 96253	D	75	Apr	1198.3	5.28	63.27		
		106	May	1097.3	5.84	64.08	4172.1	221.75
Oakhurst's Daisy 3d 86217	A	23	May	764.8	5.07	38.78		
s. Rosie's Golden King of Oakhurst 31630 A. R.								
d. Imp. Oakhurst's Daisy 42980 A. R. 7199								
Polly du Closel 2d 123769	G	23	May	623.2	5.45	33.96		
s. Rosie's Ultra King of Oakhurst 53864								
d. Imp. Polly du Closel 27507 A. R. 2803								
Queen Frances of Oakhurst 2d 83760	B	276	Apr	559.6	7.24	40.52		
		307	May	567.1	7.14	40.49	7139.6	473.62
Rose of Oakhurst 4th 88364	D	334	Apr	531.6	6.34	33.70		
		365	May	514.2	6.36	32.70	8792.3	507.17
Royal Countess of Oakhurst 84969	C	297	Apr	867.9	5.79	50.25		
		328	May	906.0	6.05	54.81	11518.2	621.56
Royal Rose of Oakhurst 96879	E	365	Apr	285.3	6.47	18.46	9925.4	543.19
Ultra Violet of Oakhurst 3d 111807	G	172	Apr	632.0	6.29	39.75		
		203	May	616.8	6.14	37.87	4835.0	274.81

HUMPHREY, A. B., GRAPE WILD FARMS, ESCALON, CALIF.

Calla Grove Dolly 75747	A	102	June	1335.2	4.65	62.09	4973.6	200.71

Calla Grove Merry Maiden 87769	B	89	June	1098.5	4.85	53.28	3393.0	180.27
Calla Grove Noble Mary 120324	G	71	June	901.3	3.88	34.97	2095.5	82.26
Escalon Bonnie 106082	E	78	June	829.1	4.94	40.96	2113.6	103.52
Escalon Hyacinth 90088	D	242	June	840.0	4.87	40.91	7726.5	380.60
Escalon Lady Rose 120379	D	102	June	878.6	4.68	41.12	3450.7	153.79
Escalon Queen 106874	G	316	June	755.9	5.11	38.63	8066.1	397.90

HURDLE, ELZIE F., HUNTINGTON, IND.

Lassie of Arenac 2d 98414	D	5	Mar	163.0	5.19	8.46		
		35	Apr	1013.3	4.60	46.61	1176.3	55.07

s. Stanford Boy of Ferris 46241
d. Lassie of Arenac 36631 A. R. 10342

HURDLE, JESSE H., HUNTINGTON, IND.

Florena's India Beauty 94165	A	365	Mar	1308.4	5.49	71.83	10387.4	502.24
Mary's Queen of Clear Creek 136838	D	326	Apr	622.7	5.34	33.25	8863.1	442.32
Mary's Wonder of Clear Creek 136839	D	5	Mar	203.5	5.21	10.62		
		35	Apr	1221.7	4.74	57.91	1425.2	68.53

s. Bulldozer of Anna Dean Farm 30013
d. Golden Highland Mary 20056 A. R. 4693

Maud's Pearl of Clear Creek 108986	F	345	Mar	38.4	6.87	2.64		
				557.9	5.12	28.56		
		365	Apr	553.7	5.12	28.35	9137.8	417.87

HYNICKA BROS. INC., STOCKDALE FARM, LEBANON, PA.

Carrie Elizabeth of Stockdale 93506	E	243	May	625.8	4.55	28.47		
		273	June	648.2	4.69	30.40	6449.8	296.41
Goldseeker's Brenda of Stockdale 106411	G	260	May	479.9	6.48	31.10		
		290	June	426.5	6.14	26.19	4698.6	292.76
Goldseeker's Dew Drop 103633	F	348	May	496.7	5.96	29.60		
		365	June	232.3	5.71	13.26	7974.4	398.11
Goldseeker's Nellie of Stockdale 115665	G	30	June	879.2	4.50	39.56		

s. Macey's Goldseeker of A. D. F. 37632
d. Nellie Jewel 71874

Stockdale Masher's Artesia 102478	E	104	May	812.3	4.05	32.90		
		134	June	802.3	4.53	36.34	3539.5	153.56
Stockdale Masher's Lillian 103929	F	226	May	565.2	3.97	22.44		
		256	June	572.9	4.21	24.12	5382.6	219.35
Triple Gold Rose of Stockdale 108101	G	212	May	475.6	4.15	19.74		
		242	June	451.3	3.91	17.65	4760.9	190.14

ILLINOIS, UNIVERSITY OF, URBANA, ILL.

Illini Gulnare Harriet White 113896	G	151	May	494.4	5.57	27.54	3047.2	158.83
Illini Harriet 110019	F	139	May	750.2	4.62	34.66	3510.3	160.36
Illini Pell Mell Girl 113897	F	7	Apr	212.0	4.80	10.18		
		38	May	1131.4	4.80	54.31	1343.4	64.49

s. Shoreland Planet of Fillmore Farm 47404 A. R.
d. Pell Mell 36772 A. R. 2873

Mary Wallie of Glencairne 72844	A	159	Apr	1208.0	5.23	63.18		
		190	May	1172.8	5.26	61.69	8427.9	419.80
Miranda Pride of Oberland 86690	C	288	May	474.7	6.87	32.61	7610.2	420.84
Imp. Polly of La Turquie 66025	A	95	May	1595.7	3.95	63.03	4780.8	188.76

JACKLIN & SONS, B. A., ELM GROVE FARM, WAUPACA, WIS. 1 day test.

Bessie's Mame 109593	G	314	May	543.4	5.63	30.59	7917.9	385.32
Chiquita's Vira 85626	B	104	Apr	1401.8	4.67	65.46		
		135	May	1431.8	4.90	70.16	6386.9	294.21
Evelyn's Pearl 64487	A	365	May	1042.8	4.52	47.13	10631.8	478.06
Jean's Ardis 98428	E	324	May	478.6	5.59	26.75	7771.8	398.11
Pearl's Orpha 98429	D	73	Apr	1550.0	5.01	77.66		
		104	May	1495.6	5.71	85.40	5334.7	266.75
Star's Welcome 99399	D	49	Apr	1525.8	4.22	64.39		
		80	May	1363.1	4.51	61.48	3786.3	177.92

JACKSON, W. P., SALISBURY, MD.

Gerar Hepsy 99068	E	160	June	1027.0	5.42	55.66	5410.8	276.12

JOHNSON, F. F. & L. L., GUERNSEY FARMS, RUSSIAVILLE, IND. 1 day test.

Bulldozer's Lily of Crane Farm 96244	C	237	May	736.8	4.40	32.42	7169.3	385.56
Bulldozer's Pansy of Crane Farm 94540	C	248	May	646.2	5.80	37.48	5390.0	326.34
Bulldozer's Starlight of Crane Farm 96243	A	117	May	813.0	5.25	42.68	3295.6	173.74
Hambro's Mist of Guernsey Farms 102441	E	264	May	443.7	5.75	25.51	6041.1	300.22
Red Cross Lady of Crane Farm 94538	B	118	May	992.5	4.15	41.19	3851.9	157.96
Sweet Mist's Maid of Guernsey Farms 135706	G	163	May	688.4	5.45	37.52	4106.9	231.95
Uter's Lady May of Guernsey Farms 128333	G	18	Apr	324.1	4.38	14.20		
		49	May	583.5	4.60	26.84	907.6	41.04

s. Uter's May Rose of Wern Farm 52664
d. Red Cross Lady of Crane Farm 94538

JONES, JR., B. F., "FAIR ACRES," SEWICKLEY, PA.

Imp Fairacres Susanette 121686	G	91	June	941.5	4.95	46.60	3089.0	159.84
Imp. Maggie of Myrtle Place 115010	A	179	June	1157.7	4.21	48.74	8565.7	386.50
Imp. Mayflower of Myrtle Place 115015	C	320	June	886.0	4.81	42.62	9822.4	478.05

KAILING, A. M., HAPPY HOLLOW FARM, THIENSVILLE, WIS. 1 day test.

Pergue's Fawn Lassie 118364	G	95	June	1004.1	4.40	44.18	3258.6	136.89
Pergue's Marie Cottie 92411	C	157	June	1136.8	4.10	46.61	6625.4	271.83
Pretoria's Nantaska of Ingleside 68498	A	140	June	916.0	5.34	48.91	4874.4	270.60

KAY, F. C., PUEBLO, COLO.

Fancy Star's Chief Beauty 74366	A	25	June	1029.3	4.63	47.66		

s. Overland's Chief 29218
d. Imp. Fancy's Star's Lily 37146

George Washington's Dimple of Rocky Ford 123366	B	19	June	618.0	3.86	23.85		

s. Queen's George Washington of Interlochs 44735
d. Miss Dimple of Edgemont 49497

Jessie's Mamie 85473	A	10	May	384.8	4.11	15.82		
		40	June	1260.9	4.11	51.82	1645.7	67.64

s. Commodore's Prince 29751
d. Jessie Quicksand 77833

KENT, H. W., PRAIRIE VIEW FARM, RUSK, WIS. 1 day test.

Blossom of Prairie View 89949	C	72	May	1144.1	3.89	44.51		
		102	June	1079.3	4.67	50.40	3766.1	175.61
Dorothy of Prairie View 102864	D	13	May	451.2	4.60	20.76		
		43	June	1006.7	4.60	46.31	1457.9	67.07

s. Starlight Boy 33077 A. R.
d. Forget-me-not of Prairie View 49585 A. R. 10302

Hope of Prairie View 115492	G	181	June	551.8	4.48	24.72	3701.2	165.14
Marigold of Prairie View 102865	E	181	June	626.8	4.78	29.96	3909.7	183.28

KINGSLAND, W. J., DERRYDALE FARM, GOSHEN, N. Y.

Imp. Daisy of Derrydale 104853	F	286	June	634.2	5.63	35.71	6793.3	366.48

Derrydale Laura 118663	G	24	May	878.4	4.63	40.67		
		54	June	1155.3	4.63	53.49	2033.7	94.16
s. Imp. Blanchette's Honour 57906								
d. Imp. Blanchette of Les Blicqs 94439								
Imp. Froome's Fairy 94441	B	173	June	606.1	6.33	38.37	4684.1	280.01
Honour's Aurora of Derrydale 108876	G	307	June	635.9	5.73	36.44	7645.7	396.60
Honour's Dolly of Derrydale 113586	G	113	June	976.5	4.77	46.58	3926.8	175.28
Imp. Lady Murattie of Maison de Bas 142545	G	9	May	257.5	6.53	16.81		
		39	June	788.8	6.53	51.51	1046.3	68.32
s. Polly's Pride II. R. G. A. S. 4260 P. S.								
d. Polly's Una of Maison de Bas R. G. A. S. 15577 P. S.								
Imp. Millette of Derrydale 104852	F	332	June	75.9	5.15	3.91	8371.7	404.87
Imp. Orphelia 142538	G	24	May	981.1	4.94	48.47		
		54	June	1170.5	4.94	57.82	2151.6	106.29
s. Polly's Ideal III. of Maison de Bas R. G. A. S. 4212 P. S.								
d. Nellie of La Donnellerie R. G. A. S. 18080 P. S.								

KLEINHANS, JOSEPH B., HERBSTER, WIS. 1 day test.

Beauty Elmwood of Spring Grove 119705	D	91	June	1386.4	4.66	64.61	4238.0	204.29
Daisy of Greenmeadows 109534	F	109	June	943.7	5.15	48.60	3574.8	189.80
Ina Masher of Riverside 51456	A	217	June	1246.5	5.38	67.06	9782.3	498.74
Ironwater May Rose of La Harpe 104470	D	188	June	906.5	4.23	38.34	6281.6	270.76
Kenilworth's Fragrance 120576	G	44	June	966.7	4.37	42.24	1390.2	60.62
Tricksey of Maple Broeck 3d 121294	G	92	May	1058.8	6.90	73.06		
		122	June	1000.8	5.28	52.84	3993.7	245.94

KNIGHT, C. PRESCOTT, PROVIDENCE, R. I.

Falcon's Brightness 78635	B	365	Apr	810.8	5.99	48.57	12027.3	636.12

KNIGHT, W. W., BELMONT FARM, PERRYSBURG, OHIO.

Belmont Excellence 103505	G	365	June	690.7	5.78	39.92	7925.1	473.83
Imp. Kitchener's Fairy of Langwater 110731	E	353	June	592.	5.05	29.92	9113.8	453.66
Lady's First of Belmont 103506	G	312	June	764.4	5.60	42.81	7639.9	442.41
Imp. Patria of Rondebosch 93719	B	238	June	824.2	4.45	36.68	7823.7	353.45

KNOBLOCK, W. R., WEST HILL FARM, COSCOB, CONN.

Imp. Pride of Lilydale 94990	B	80	May	1382.6	4.52	62.49	3512.6	155.58
Sweet Mary of West Hill 133440	G	212	May	852.5	4.86	41.43	5614.9	276.69

KREBS, H. J., BREIDABLIK FARM, WILMINGTON, DEL.

Alresford's Antoinette 84167	C	349	May	734.3	4.56	33.48		
		365	June	373.7	4.56	17.04	11508.6	505.59
Breidablik Emma 97938	F	338	May	737.6	5.52	40.72		
		365	June	594.7	5.52	32.83	10417.7	510.77
Breidablik Ida 97937	F	337	May	705.9	6.03	42.57		
		365	June	608.6	6.03	36.70	10006.5	527.84
Briedablik Mary Ann 103478	F	300	May	530.5	7.10	37.67	7327.3	388.89
Breidablik Primula 103481	G	365	Apr	42.1	6.49	2.73	9895.5	475.10
Breidablik Salome 103480	F	299	May	795.6	5.17	41.13		
		329	June	767.0	4.98	38.20	9284.5	465.31
Chilmark's Itchen Caroline 104722	G	352	May	742.2	5.37	39.86		
		365	June	311.7	5.37	16.74	10400.7	514.37
Florham May-Time 90234	D	348	May	541.2	6.10	33.01		
		365	June	227.0	6.10	13.85	9396.4	471.74
Governor of la Forge's Jeannette's Sequel 62495	A	365	May	105.8	4.37	4.62	9521.1	412.29
Imp. Polly II. of the Gron 75393	A	329	May	699.8	5.88	41.15		
		359	June	541.2	5.30	28.68	10894.7	546.28
Sally of Breidablik 117897	G	43	May	876.3	4.23	37.07		
		73	June	833.9	4.57	38.11	2032.4	87.75
White Light of Breidablik 123441	G	43	May	754.4	4.28	32.29		
		73	June	735.5	4.11	30.23	1748.0	73.39

LAWRENCE, A. W., BIG HILL FARM, STURGEON BAY, WIS.

El Dorado's Beauty Lily of Big Hill 116273	G	132	June	780.0	4.60	35.88	3909.7	176.90
El Dorado's Rose Countess of Big Hill 116275	G	91	June	886.3	4.11	36.43	2652.0	111.71
El Dorado's Yeksa Violet of Big Hill 116276	G	21	May	648.5	5.11	33.14		
		51	June	937.6	4.55	42.66	1586.1	75.80
s. Langwater El Dorado 39136 A. R.								
d. Yeksa Beautiful 29134 A. R. 5828								
Pogy's Hartsfield's Rosette of Big Hill 98783	B	209	June	841.8	4.62	38.89	6717.1	320.84
Prince's Brunette Sis of Big Hill 82372	B	172	June	895.6	4.09	36.63	5973.4	270.92

LEWIS, CLARENCE McK., SKYLANDS FARM, STERLINGTON, N. Y.

Golden Vanity of Oakhurst 76056	A	61	June	1090.7	4.38	47.77	2224.9	99.15
Mixter Albamont Primrose 92516	D	181	June	868.9	5.88	51.09	5198.9	312.41
Posy of the Glen 83680	B	181	June	818.1	5.12	41.89	5431.8	281.64
Imp. Rosina of Newplace 115849	G	266	June	594.3	4.86	28.88	5307.8	273.31
Warrior's Pride 102017	E	113	June	790.7	4.63	36.61	3285.1	147.75
Wild Rose of the Forges 70863	A	108	June	938.5	5.14	48.24	3721.2	199.38

LEWIS, HARRY W., CHESTERMONT FARM, WAYNE, PA.

Kenilworth's Blossom of the Lewis Farms 76918	A	80	June	1496.9	4.82	72.15	4054.1	183.29
Lilian Glenwood's Etta 55366	A	117	June	1713.9	4.16	71.30	7380.8	265.66

LINDABURY, R. V., BERNARDSVILLE, N. J.

Fashion's Tulip 95348	D	98	June	1124.6	4.39	49.37	3753.5	165.24
Krag's Dorothy 95346	D	78	June	1198.4	4.67	55.97	3062.2	140.59
Leda's Favorite 59534	A	206	June	1085.4	5.06	54.92	7590.0	389.52
Masher's Queenie 43186	A	150	June	1189.9	4.68	55.69	6337.5	282.32
Queenie's Primrose 95347	D	98	June	1258.0	4.69	59.00	4200.7	194.79
Tom's Daisy 54541	A	221	June	1311.4	4.32	56.65	10041.5	425.75

LLOYD, EST., FRANCIS G., BERNARDSVILLE, N. J. 1 day test.

Tabitha of Somerset 112203	D	13	June	356.2	4.62	16.46		
s. Bedminster Dairyman 44473								
d. Rosalie of Somerset 74617								

LOETHER & SON, R. H., EAU CLAIRE, WIS. 1 day test.

Loether's Golden Olive of Fernhurst 83839	A	217	June	825.1	4.30	35.48	6728.1	275.45

LONGWOOD, INC., KENNETT SQUARE, PA.

Chloe of Wasteland 91182	C	233	June	850.5	5.03	42.78	8065.8	383.54
Earlyanna 98070	D	38	June	1274.9	4.00	51.00	1592.1	65.94
Glenora's Julia 113540	G	259	June	712.9	4.83	34.43	6933.0	353.64
Mary of Longwood 93616	C	61	June	908.7	5.04	45.80	1969.2	109.96
Preen 3d 76079	A	328	June	639.6	5.47	34.99	9491.6	489.86
Preen 3d's Frances 108735	G	203	June	737.7	4.62	34.08	5212.8	253.27
Imp. Violet of the Courtillion 48458	A	102	June	1229.4	4.28	52.62	4582.9	204.22

LOREE, L. F., BOWOOD FARM, WEST ORANGE, N. J.

Blue Bonnet of Bowood 119903	G	122	June	794.4	5.73	45.52	3395.5	197.28
Fern of Bowood 106200	F	150	June	1076.5	5.10	54.90	5281.0	276.90
Gold Raider's Kate Pie of Willow Brook 93117	E	360	June	1135.1	4.88	55.39	15689.2	696.47
Jonquil of Bowood 73849	A	100	June	1144.9	5.21	59.65	3986.9	190.62

Patricia of Bowood 83164	A	61	June	1292.2	5.26	67.97	2716.6	136.63
Raider's Ultra Rose 105885	G	181	June	1269.3	4.35	55.21	8046.2	317.17
Sunderland's Penuchie of Willow Brook 82757	A	135	June	1302.0	4.93	64.19	6050.3	271.70

McLOUGHLIN, JOHN E., BONNIE BRAE FARM, CLINTON, N. Y.

Channel Queen's First Daughter 110412	A	131	June	1295.0	4.28	55.43	5652.1	239.73
Channel Queen's Second Daughter 110413	B	122	June	1362.7	3.83	52.19	5884.6	230.99
Double Ultra of Suburban Farm 99366	E	102	June	1371.9	4.30	58.99	4574.9	194.39
Warrior's Daybreak of Suburban Farm 110529	E	70	June	1197.0	5.18	62.00	2721.6	136.32

MACKINNON, B. A., WESTVIEW FARM, PAWLING, N. Y.

Westview Annette 114669	G	80	Apr	809.7	5.54	44.86	2360.9	122.11
Westview Bernice 114137	G	141	Apr	1094.3	4.61	50.45		
		172	May	1172.8	4.89	57.35	6370.9	299.53
Westview Buttercup 115712	F	80	Apr	950.6	5.21	49.53		
		111	May	998.3	5.42	54.11	3582.4	184.66
Westview Eugenie 114675	G	23	May	729.6	5.48	39.98		
s. Langwater Ultimas 39637 A. R.								
d. Lady Ermina 67102								
Westview Eulalie 101869	G	365	May	848.6	5.49	46.59	11512.9	631.88
Westview Madeleine 114670	G	80	Apr	1064.5	4.26	45.35		
		111	May	1097.9	4.28	46.99	4027.3	160.97
Westview Suzette 114671	G	80	Apr	1047.4	5.43	56.87		
		111	May	1077.0	6.39	68.82	3779.6	218.22
Westview Yvette 114673	F	15	May	435.3	4.79	20.85		
s. Langwater Ultimas 39637 A. R.								
d. Imp. Popular Bella 77344 A. R. 10868								

MAINE, UNIVERSITY OF., ORONO, MAINE.

Canada's Royal Creusa 113848	G	80	June	671.0	4.86	32.61	1793.6	83.69
Creusa's Belle 85350	B	225	June	743.1	6.17	45.85	6684.5	412.53
Creusa's Belle 2d 113847	F	10	May	253.9	5.30	13.46		
		40	June	935.4	5.30	49.58	1189.3	63.04
s. Laudholm's Royal Creusa 39257								
d. Creusa's Belle 85350								
Creusa's Lady 2d 85347	A	268	June	768.3	5.76	44.25	7340.2	431.94
Creusa's Sunbeam 94828	E	250	June	736.5	4.82	35.50	6950.4	334.57
Lake Grove Lucretia 70763	A	104	June	1024.9	5.06	51.86	3762.4	185.43

MARKEN, OTIS A., MARKENDALE FARM, VALDERS, WIS. 1 day test.

Bonnie Belle of Markendale 107587	F	207	May	590.2	5.36	31.63		
		237	June	550.5	5.50	30.28	4994.2	277.50
Daisybell of Markendale 117288	G	205	May	611.4	5.80	35.46		
		235	June	549.2	5.26	28.89	5072.9	265.45
Emmaline Star 118306	G	120	May	773.6	4.66	36.05		
		150	June	725.8	5.00	36.29	4069.8	193.31
Liberty Queen 85790	B	158	May	884.9	5.41	47.87		
		188	June	853.7	5.03	42.94	5632.6	303.79
Pansy of Markendale 107586	F	141	May	700.9	5.35	37.50		
		171	June	674.1	5.57	37.55	4299.9	230.24
Primrose's Pride of Markendale 120982	G	120	May	549.5	6.31	34.67		
		150	June	499.2	5.66	28.25	3041.0	170.42
Victory Bell of Markendale 119681	G	120	May	781.8	5.38	42.06		
		150	June	731.6	4.82	35.26	4032.3	207.78

MARTINDALE FARMS, ST. CATHARINES, ONTARIO, CANADA.

Jewel of Martindale 114731	G	61	June	1107.3	4.86	53.81	2206.4	107.78
Imp. La Fleur du Jardin of Martindale 119342	G	200	June	922.7	4.37	40.32	6873.8	296.76
Maple Glen Mary Elizabeth 84545	B	102	June	1667.2	4.79	79.86	5761.4	272.94
Rosalind of Martindale 114729	G	73	June	1238.5	4.32	53.50	2719.5	123.70

MATLACK, S. R., LOCUST LANE FARM, MEDFORD, N. J.

Blossom of Linwood 60748	A	163	May	1480.8	4.44	65.74	7733.7	348.39
Cady's Jewell 120524	G	90	May	1112.8	4.49	49.96	3167.7	130.96
Caroline of Groveland 95849	D	341	May	620.2	4.58	28.41	8781.7	370.31
Lady France of Broadridge 67096	A	344	Jan	358.3	4.97	17.81		
		365	Feb	59.4	4.97	2.95	10697.1	456.39
Lydia of Wasteland 84682	B	110	May	726.4	5.33	38.72	2647.9	146.90
Stanley's Rosa of Mt. Peerless 62856	A	294	May	671.9	4.93	33.12	7268.8	340.80
Venus of Groveland 121405	G	335	May	575.1	4.94	28.41	6650.8	291.90
Vie of Linwood 69979	A	26	Apr	1042.8	4.55	47.45		
		57	May	1433.9	4.26	61.08	2476.7	108.53
s. Langwater Frederick 22268								
d. Viola's Namesake 2d 36168								

MAYO, C. H., MAYOWOOD FARM, ROCHESTER, MINN. 1 day test.

Estrada's Governor's Sequel 124339	E	133	May	824.9	5.85	48.26	3851.5	225.29
Governor's Jean Weshpi 92027	D	179	May	809.5	5.24	42.42	5703.1	300.98
Julian's Laurinda 124341	G	34	Apr	954.3	5.33	50.86		
		65	May	879.5	6.04	53.12	1964.5	111.08
Julian's Violet May 124340	F	133	May	809.6	5.54	44.85	3761.8	198.73
King's Dairymaid of Oakley 101897	F	201	May	739.5	5.74	42.45	5493.5	292.05
King's Duchess of Oakley 98563	E	183	May	596.6	4.72	28.16	5249.1	271.37
Major's Blue Belle 90038	A	155	May	1028.4	5.59	57.49	5641.2	310.93
Mayowood's Sequel's Delight 80285	A	65	May	1122.0	4.83	54.19	2385.2	110.32
Sequel's Beauty Sequel 90039	A	126	May	665.6	5.40	35.94	3502.3	188.63

MENZ, C. W., ROCK SPRING FARM, AMHERST, OHIO. 1 day test.

Buckeye Beauty of Mara Alva 109968	G	325	June	558.7	5.97	33.35	7227.5	396.83
Raider's Daisy of Rock Spring 93150	D	80	June	770.6	4.85	37.37	2139.9	107.96

MERRILL, S. M., ARGILLA FARM, IPSWICH, MASS.

Anna Bell Lee of Rose Bank Farms 70467	A	111	May	1516.1	5.71	86.57	5382.8	297.40
Independence of Argilla Farm 112833	G	182	May	905.7	5.55	50.27	5495.1	295.67
Lady's Anchor's Creusa 63103	A	365	May	836.1	4.94	41.30	14182.9	629.65
Marvia of Rose Bank Farms 81915	A	31	May	1524.5	4.93	75.16		
s. Grasslands Roll of Honor 18200 A. R.								
d. Phyllis Lyons 47388								
Natelka 57033	A	273	May	840.6	4.98	41.86	9395.4	434.21

MILLER, FRED, MILLERSBURG, OHIO. 1 day test.

Lilly of Wooster 79663	A	106	May	1767.4	3.86	68.22		
		136	June	1574.3	4.20	66.12	7547.4	319.50
May King's Jewel of Arcady 72633	A	114	May	1432.0	4.28	61.29		
		144	June	1331.6	4.15	55.26	6547.7	282.66

MILLS, O. H., WOOD LAWN FARM, MOORESVILLE, IND. 1 day test.

Gladys of Emmadine 115288	G	90	May	1017.6	5.17	52.61	3031.8	142.16
Wood Lawn's Meterjama 118845	G	104	May	1044.7	4.56	47.64	3387.7	140.83
Wood Lawn's Metermable 113405	G	142	May	1264.9	4.00	50.60	5286.9	212.33

MINARD, C. FRANCIS, FAR VIEW FARM, KING FERRY, N. Y. 1 day test.

Dolly Dimple of Farview 67528	A	232	June	1333.6	4.74	63.21	10899.6	543.42

Dolly's Chenette of Farview 98251	E	234	June	868.9	5.51	47.88	6972.4	406.67
Marian's Theodora of Farview 98252	E	204	June	1025.9	4.61	47.29	6716.3	348.16
Princess Polly of Farview 2d 119070	G	181	June	962.7	5.09	49.00	6028.1	332.12

MORGAN, J. P., GLEN COVE, N. Y.

Imp. Lady Bijou III. of Beaulieu 140232	A	52	June	1309.9	4.29	56.19	2327.8	100.57
Primula of Kiluna Farm 124679	G	52	June	867.2	4.37	37.90	1486.3	69.60

MORRIS, EFFINGHAM B., BOLTON FARM, BRISTOL, PA.

Golden King's Mignonette 98820	E	165	June	603.8	5.03	30.37	3738.8	195.34
Mignonne of Waddington 46470	A	180	June	649.9	4.67	30.35	4315.4	212.00
Pattie's Bonnie Belle 98821	E	186	June	729.6	4.30	31.37	5043.9	216.05

MUNRO, THOMAS H., CAMILLUS, N. Y.

Beatrice of Munroholm 116747	G	107	May	848.2	5.37	45.55	3018.0	152.88
Laddie's Edytha 104981	E	145	May	834.3	6.09	50.81	4343.1	250.73
Laddie's Rose Maid 96003	C	115	May	1452.9	4.60	66.83	5441.3	250.55

MUSANTE, KATHRYN, FALMOUTH, VA. 1 day test.

Marina C. 113489	G	67	May	930.7	4.75	44.21	1995.9	101.12

NEBRASKA, UNIVERSITY OF, LINCOLN, NEBR.

Cavalier's Elm Tree Duchess 114714	G	55	Apr	751.0	5.18	38.90		
		86	May	747.3	5.70	42.60		
		116	June	678.2	5.10	34.59	2795.2	150.43
Varsity May King Helda 88431	C	75	Apr	869.5	4.81	41.82		
		106	May	864.0	5.58	48.21		
		136	June	735.5	5.60	41.19	3976.1	206.88

NEELY, L. G., SAINT MARYS, OHIO

Overland Co Boss 100454	E	66	May	871.8	4.85	41.17	2787.6	147.25
Thelma of Cedar Lane 101372	E	104	June	610.9	4.79	29.26	2288.2	112.93
Velma of Cedar Lane 101373	D	96	June	681.6	4.89	33.33	2255.4	111.22

NEW JERSEY STATE EXPERIMENT STATION, NEW BRUNSWICK, N. J.

Daffodil of Bowood 100370	F	365	May	504.6	4.79	24.17	9807.9	427.53
Sylvan's Rosebud of Ewing 84252	A	78	May	927.3	3.82	35.42	2384.9	95.07

NISSLEY, S. R., BROOKDALE FARM, MANHEIM, PA. 1 day test.

Brookdale Bettie 105672	G	73	May	864.5	5.00	43.24	2006.4	104.31
Brookdale Sunday 107270	G	171	May	878.8	4.33	38.05	4972.4	220.12
King's Buttercup of Brookdale 113493	F	74	May	692.0	4.90	33.91	1697.5	79.24

NIXON, RAY, MAPLE LEAF GUERNSEY FARM, MANSFIELD, OHIO. 1 day test.

Fawn of Cornalfa 114652	G	288	June	685.5	6.16	42.23	7264.3	412.89

OBERCASH, M. A., HUMMELSTOWN, PA. 1 day test.

Clover of Knowledge Hill Farm 84528	C	238	May	725.9	5.29	38.40		
		268	June	640.4	4.61	29.52	7070.9	358.22
Flossie of Knowledge Hill Farm 109214	F	260	May	727.9	5.12	37.27		
		290	June	412.0	5.11	21.05	7809.9	358.28
Jeanette of Knowledge Hill Farm 109213	F	118	May	916.1	4.48	41.04		
		148	June	787.8	4.34	34.19	4550.3	200.99
Liberty Belle of Knowledge Hill Farm 84527	C	352	May	271.9	5.12	13.92		
		365	June	5.4	5.12	.28		
				307.8	3.94	12.13	8767.8	387.34
Vernarda of Knowledge Hill Farm 109215	G	312	May	377.9	4.76	17.99		
		342	June	868.2	5.06	43.93	7260.8	370.35

***OGLEBAY, E. W., BETHANY COLLEGE FARM, BETHANY, W. VA.**

Queen of Buffalo Creek 107108	G	264	June	614.5	5.46	33.55	6391.1	351.27
Waddington Esther 113417	G	271	June	496.2	5.46	27.09	6448.5	356.57

*Tested at Bethany College Farm.

OGLEBAY, E. W., WADDINGTON FARM, WHEELING, W. VA.

Imp. Buttercup of Bella Cottage 115916	E	195	June	896.9	4.65	41.71	6190.9	279.99
Noble's May Wort of Waddington 73999	A	332	June	652.6	5.68	37.07	10568.8	579.95
Raider's Dawn of Bethany 78141	A	134	June	1163.5	5.33	62.01	5535.2	297.64
Raider's Diamond Sunrise 114694	G	212	June	840.6	4.57	38.42	6055.7	293.04
Raider's Maruja of Waddington 96360	D	10	May	387.6	4.78	18.53		
		40	June	1137.4	4.78	54.37	1525.0	72.90
s. Imp. Border Raider 22243 A. R.								
d. Imp. Kathleen of Waddington 35282 A. R. 3996								
Raider's Victory Maid of Waddington 89207	C	91	June	1027.0	4.85	49.81	3328.7	156.05
Raider's Windflower Lily of Bethany 114695	G	212	June	842.9	4.50	37.93	5989.9	299.19
Virginia's Lass 113290	G	122	June	850.5	4.86	41.33	3585.1	168.43
Waddington Lady 99984	D	30	June	1213.3	4.30	52.17		
s. Imp. Border Raider 22243 A. R.								
d. Imp. Lady Dudley 31993 A. R. 2746								
Waddington Nancy 113414	F	91	June	855.2	4.94	42.25	2896.5	147.18

PALMER, AL., HUNTINGTON, IND.

Yeksa's Glenwood Fantina 78460	A	89	Apr	1122.2	4.93	55.32	3492.8	177.99

PALMER, MRS. DONALD B., MINNEAPOLIS, MINN. 1 day test.

Eileen's Buttercup of Aitkin 92740	C	96	May	1153.2	4.06	46.82	3521.3	147.25

PATTY, CAL, GOLD BAR, WASH. 1 day test.

Fille de Lida 42591	A	305	June	1037.3	4.94	51.24	11661.5	586.18

PATTY, JOHN F., GOLD BAR, WASH. 1 day test.

Peggy O'Dear of Topnotch Farm 91497	C	248	June	894.0	5.24	46.85	8461.3	446.86

PAYSON, HERBERT, THORNHURST FARM, PORTLAND, MAINE.

Meadowlea's Rose 80656	A	115	June	880.3	5.10	44.90	4067.8	211.60
Spotswood's Mayflower 45786	A	181	June	980.7	5.30	51.98	6599.5	334.34
Thornhurst Mayflower 85835	C	350	June	732.1	5.66	41.44	9964.9	510.23
Thornhurst's Romana 116967	G	88	June	826.3	5.80	47.93	2490.5	138.12

PECK, E. C., AVALON FARM, MACEDONIA, OHIO.

Godolphin Charlotte of Avalon 87617	C	212	June	827.4	5.13	42.45	5935.8	292.59
Golden Secret's Doris 82279	C	266	June	523.4	5.20	27.22	6105.3	326.00

PERRY, LESLIE G., LAVALAND FARM, WENDELL, IDAHO.

Betty of Mountain View 68508	A	57	May	1424.0	3.44	48.99	2572.7	88.28

PHILLIPS, M. T., MAPLE SHADE FARM, POMEROY, PA.

Best Girl of Pomeroy 89614	C	205	June	917.9	5.05	46.35	7616.8	340.44
Emily Darling 2d 44060	A	330	June	827.8	4.94	40.89	11683.6	499.34
Golden Combination of Mondamin 85992	B	150	June	1348.1	3.77	50.82	7689.3	286.36
Matilda's Girl 83322	A	191	June	1040.6	4.44	46.20	7794.6	333.73
May King's Hope of Pomeroy 83816	C	356	June	106.6	5.87	6.26	8031.3	418.35

Midge King 92755	C	7	May	282.1	5.28	14.89		
		38	June	1407.5	5.28	74.32	1689.6	89.21
s. Saugerties Lord Beldame 44993								
d. Best Girl of Maplehurst 71976 A. R. 8967								
Royal's Frances of Blowmedown 131784	F	122	June	887.5	5.40	47.93	3710.9	171.42
Royal's Golden Girl of Blowmedown 131779	F	131	June	907.0	5.14	46.62	4129.5	221.03
Wardem Abbess 70952	A	264	May	1108.9	4.84	53.67		
		294	June	960.4	5.19	49.84	10946.4	526.31

PIERCE, ARTHUR J., EDGERTON FARM, BENNINGTON, N. H.

Edgerton's Belle 91126	D	194	May	611.6	5.85	35.78	4476.6	263.01
Edgerton's Faith 106281	F	212	May	676.4	5.58	37.74	4818.5	259.38
Edgerton's Hope 90481	D	231	May	434.2	6.35	27.57	4307.6	263.52
Edgerton's Marvel 102298	F	243	May	485.7	5.88	28.56	4555.8	266.02
Edgerton's New Year 101217	F	212	May	676.0	5.57	37.65	5042.6	262.59
Edgerton's Phyliss 102041	F	233	May	427.6	5.20	22.24	4118.7	217.37
Edgerton's Robinetta 102297	F	203	May	677.7	5.61	38.02	4631.8	241.89
Edgerton's Rose 102040	F	206	May	711.0	6.35	45.15	4886.8	304.70

PIKE & SON, A. T., PLAINFIELD, IND. 1 day test.

Masher's Gladys of Emmadine 93938	E	323	May	500.4	6.68	33.43	5793.3	355.31

POPE, PAUL N., LINDACRES DAIRY FARM, WAUPACA, WIS.

Crescent of Lindacres 107381	G	282	May	657.8	6.24	41.05		
		312	June	643.0	5.96	38.32	7108.7	399.55

POST, GEORGE B., KENILWOOD FARMS, BERNARDSVILLE, N. J.

Follyland Keepsake 80364	A	175	June	1151.9	4.29	49.42	6923.7	300.57
Primrose of Kenilwood 121231	G	102	June	1244.9	4.62	57.51	4363.7	189.25

PURVIS, J. W., BERTHOND, COLO. 1 day test.

Auburn's Royal Pride 72276	A	212	May	713.2	4.58	32.66	6327.0	291.09
France's Iola 43323	A	304	May	673.4	4.72	31.78	9604.5	404.72
Iola's Queen of Elwell 119779	G	151	May	858.2	4.51	38.70	4623.1	195.42
Masher's Richesse 41447	A	120	May	478.2	4.30	20.56	2860.3	121.26
Polly's Butter Girl 91591	B	120	May	1106.1	4.37	48.34	4545.0	188.55
Pride's Royal Bessie 147509	G	31	May	737.3	4.52	33.33		
s. Auburn's Jackstone 33299								
d. Auburn's Royal Pride 72276								
Princess of Elwell 84537	B	251	May	1028.2	4.43	45.55	9522.6	383.48

RAUB, RAYMOND L., RAJES FARMS, PHILLIPSBURG, N. J.

Miami's Dew Drop 27649	A	334	June	683.8	5.25	35.90	8511.9	425.69
Yeksa Unis 6th 77412	A	122	June	914.1	3.64	33.27	3895.8	141.28

RAWLINGS, WILLIAM, FERN CREST GUERNSEY FARM, SANDERSVILLE, GA. 1 day test.

Bessie's Bridget 114854	G	151	May	982.1	4.63	45.47	4685.7	197.62
Dame of the Dairy 72512	A	107	May	1111.1	5.75	63.89	4478.4	229.63
Favorite's Tulip 125616	E	202	May	993.3	5.36	53.24	6855.5	365.25
Georgia Princess 114012	G	104	May	871.4	5.18	45.14	2956.1	155.26
Halloween Girl 108413	F	220	May	933.3	5.69	53.10	6773.6	378.24
Helen of Fern Crest 90633	C	84	May	998.9	5.52	55.14	3007.3	158.17
Itchen Ranter's Constance 110118	F	228	May	915.4	4.88	44.67	8590.7	405.67
Prince's Neomi 112231	G	125	May	953.9	5.57	53.13	4293.0	209.03
Ranter's Beauty 113689	D	22	Apr	1027.2	4.07	41.81		
		53	May	1550.8	4.07	63.12	2578.0	104.93
s. Imp. Itchen Ranter 25713 A. R.								
d. Pauline Charmonte's Beauty 110117								

***READ, FRANKLIN C., WILLOW BROOK FARMS CO., CHURCHVILLE, PA.** 1 day test.

Cloverdell Jolly 105491	E	154	June	672.1	5.35	35.96	4151.7	206 12
Rosewood of Cloverdell 105493	F	192	June	674.8	5.30	35.76	5128.0	274.87

*Tested by the National Farm School.

REED, M. L., COAL VALLEY, PA. 1 day test.

Elizabeth Boyd of Millgrove 83228	A	11	Mar	421.7	3.85	16.24		
		41	Apr	1180.1	4.03	47.55		
		72	May	1218.9	5.46	66.55		
		102	June	1140.2	4.47	50.97	3960.9	181.31
s. Marshall of Millgrove 31173								
d. Mandy Lee of Millgrove 57854								

RICE, EST. W. B., FOX RUN FARM, PETERBORO, N. H.

Fashion's Princess 89018	C	110	June	1084.0	4.69	50.84	4324.4	186.75
May Mignonette 74811	A	184	June	890.6	4.81	42.84	6639.7	312.26
Warrior's Beauty of Fox Run 102330	E	172	June	892.3	4.30	38.37	5690.2	233.47

RICHARDSON, GEORGE E., "ELMERE," GARDEN CITY, MINN.

Grace of Oak Lake 3d 72566	A	193	May	681.2	4.64	31.61	5416.7	266.98
Maranda of Sylvanite 105956	E	23	May	1006.2	4.64	46.69		
s. Queen's Golden 48557								
d. Strannie of Sylvanite 69755 A. R. 7483								
May Rose of El Mere 108102	G	207	May	814.3	5.16	42.02	5344.9	283.07
Miss Bellmada Hambro 92567	C	92	May	1213.2	4.69	56.90	3810.4	175.06

ROBERTSON, JAMES B., PAOLI, PA. 1 day test.

Lady Procris 83299	A	85	May	1236.6	4.16	51.44		
		115	June	1149.7	4.01	46.10	4539.0	193.34

ROOT, S. N., WOODSIDE STOCK FARMS, LANDISVILLE, PA. 1 day test.

Fairy Duchess of Woodside Farms 84979	B	220	May	889.0	4.56	40.54		
		250	June	718.7	4.62	33.20	8032.4	344.40
Genevieve of Woodside Farms 76784	A	12	Mar	608.2	5.33	32.42		
		42	Apr	1527.2	5.33	81.40		
		73	May	1583.3	4.62	73.15		
		103	June	1437.1	5.16	74.15	5155.8	261.12
s. Langwater Cavalier 21012 A. R.								
d. Glen Gable Genevieve 36958 A. R. 5062								
Hawthorn Bell 86712	D	353	May	686.7	5.43	37.29		
		365	June	253.1	5.40	13.67	8991.2	457.44
Hazel's Valentine of Woodside Farms 84980	A	65	May	842.2	5.10	42.95		
		95	June	799.0	5.14	41.07	2578.6	132.58
Jane of Woodside Farms 84981	B	65	May	1681.6	4.39	73.82		
		95	June	1503.0	4.58	68.84	4906.4	222.38
Woodside Daisy 136454	F	304	May	676.5	6.95	47.02		
		334	June	475.9	6.80	32.36	7657.8	412.85
Woodside Fannie 98326	D	182	May	1178.4	4.42	52.09		
		212	June	1075.1	4.66	50.10	8626.3	386.42
Woodside Hazel 98327	D	65	May	1063.8	4.18	44.47		
		95	June	969.2	4.14	40.12	3248.5	142.21
Woodside Maggie 98323	C	14	May	615.2	4.96	30.51		
		44	June	1229.3	4.47	54.95	1844.5	85.46
s. Langwater Cyclop 38326 A. R.								
d. Imp. Maggie of Mara Alva 75317								

ROSSER, THOMAS L., CHARLOTTESVILLE, VA.

Elizabeth May Rose of Rugby 102225	E	207	June	876.8	5.72	50.15	6353.0	340.43

ROYCE, CHARLES H., "WEEDYWOLD" ITHACA, N. Y.

Lady Teazle of Weedywold 80353	A	92	May	1745.9	4.55	79.44	5056.2	226.51

RUCKLE, STANLEY E., GUERNSEYDALE FARM, BLOOMSBURG, PA.

Cosy's Lady of Guernseydale Farm 91879	C	129	May	769.6	6.51	50.10	3704.2	189.17
Nancy of Guernseydale Farm 99506	E	177	May	1086.3	5.04	54.75	5582.2	265.43
Rosalette of Guernseydale Farm 87023	B	182	May	735.5	5.26	38.61	4208.4	230.60

RUSSELL, GEORGE C., RUSSELLHURST FARM, WILLOUGHBY, OHIO.

Janessiere's Golden Jane 114139	G	6	Apr	208.3	4.04	8.42		
		37	May	1370.8	4.04	55.38		
		67	June	1261.1	3.87	48.80	2840.2	112.60
s. Janessiere King 43823								
d. Golden Kitty of Lewison 23603								
La Fosseuse of Russellhurst 3d 101336	A	121	June	975.1	4.52	44.07	4886.3	229.51
Mary Magdalen of Russellhurst 125384	G	13	Apr	385.4	4.12	15.88		
		44	May	1023.9	4.12	42.18		
		74	June	907.8	4.51	40.94	2317.1	99.00
s. Brookmead's Union Jack 62913								
d. Mary Magdalen 72840 A. R. 11144								
Phyllis's Princess 88380	A	159	June	1237.2	4.26	52.70	7269.9	306.61
Rose Cora 62169	G	12	Apr	491.2	4.18	20.53		
		43	May	1547.6	4.18	64.69		
		73	June	1349.1	4.14	55.85	3387.9	141.07
s. May Rose King 2d 13130 A. R.								
d. Cora's Fanny of Woodend 41271 A. R. 4915								
Steinhurst Lady 90465	D	311	June	897.4	4.01	35.26	9943.3	412.31

RYAN, EST. M. A., EL MOORE FARMS, ALBION, N. Y.

Gold Raider's June El Moore 109697	G	290	Apr	588.1	6.22	36.58	6728.3	377.40
Gold Raider's Lady El Moore 128110	G	52	Apr	1055.3	4.56	48.12	1702.5	76.40
Gold Raider's Violet El Moore 128106	F	151	Apr	874.7	5.44	47.58	4831.4	249.11
Noble Princess El Moore 85748	B	53	Mar	1386.6	5.57	77.23		
		83	Apr	1188.1	6.37	75.68	3500.5	197.90
Violet El Moore 46299	A	289	Apr	1350.1	4.68	63.18	14455.5	613.12

SAUNDERS & MYERS, LOMBARDY FARM, LEESBURG, VA.

Jubilina Daisy Maid 92599	C	125	May	1228.6	4.85	59.59	5254.2	256.61
Lady Nona of Meadow Brook 66639	A	235	May	964.2	4.26	41.07	8135.5	332.29
Raider's Beauty of Locust Hill 79302	A	126	May	1071.8	4.99	53.48	4796.4	217.30

SCHNEIDER, WILLIAM, SQUARE DEAL DAIRY FARM, LA PLATA, MO.

Gladys's Excelsior 46831	A	90	Mar	1100.2	5.90	64.91		
		120	Apr	964.9	5.18	49.98		
		151	May	923.2	5.47	50.50	5259.0	283.13
Lena's Fawn 76863	A	151	May	1088.5	4.74	51.59	5564.1	258.88

SEIBERLING, A. G., BROADACRES STOCK FARM, KOKOMO, IND.

Anna of Seiberling Farm 116408	F	31	May	1277.1	5.06	64.62		
		61	June	1138.5	4.65	52.94	2415.6	117.56
s. St. Austell Dividend 52300								
d. Angeline of Crane Farm 68921								

SHOEMAKER, S. M., "BURNSIDE," ECCLESTON, MD.

Jardinere Glen Rose 107083	F	263	June	878.4	5.63	49.45	7752.5	390.89
Merry Edith 107082	F	228	June	716.9	5.41	38.78	6309.3	307.72
Merry Frances May 108094	F	222	June	911.3	6.41	58.41	6656.5	376.63
Merry May Day's Pearl 112862	G	272	June	966.4	5.50	53.15	8848.0	420.63
Merry Primrose 107079	F	258	June	948.5	4.99	47.33	8490.7	435.09
Merry Procris 107081	F	258	June	714.2	6.44	45.99	8091.7	426.03
Procris Barbi 100181	D	56	June	1337.9	5.05	67.56	2673.1	128.85
Procris Marchaud 120155	G	258	June	748.5	6.39	47.83	6447.7	373.49
Procris Snowdrop 120156	G	203	June	1219.8	6.18	75.38	9483.0	464.82

SMITH, FLEET K., EAST NORTHPORT, N. Y. 1 day test.

Cowslip of Little Farm 109960	C	208	June	730.5	5.75	42.00	5645.7	315.62
Mazie's Rose of Little Farm 99055	A	114	June	1352.1	4.34	58.68	5466.5	252.64

SPRAGUE, P. W., RAM ISLAND FARM, SOUTH PORTLAND, MAINE.

Aggie of High Rock 42679	A	139	June	1015.0	5.38	54.61	4846.0	239.73

TABER, EST. H. E., MAPLE ROW FARM, CASTILE, N. Y. 1 day test.

Margaret M. of Maple Row 64230	A	243	May	794.4	5.71	45.36		
		273	June	701.3	5.94	41.66	7703.5	423.66
Margaret's Model 73652	A	163	May	1214.7	5.09	61.83		
		193	June	1235.3	5.14	63.49	8045.9	411.20
Rainbow's Easter Lily 85945	B	243	May	740.3	5.75	42.57		
		273	June	607.0	5.68	34.48	8276.9	478.16
Reservation Grace 113261	G	193	May	810.0	5.62	45.52		
		223	June	773.5	5.12	39.60	5881.5	296.37

TARBELL, GAGE E., TARBELL FARMS, SMITHVILLE FLATS, N. Y.

Chloris of Tarbell Farms 2d 103906	E	169	May	1050.3	4.42	46.42	5990.5	256.33
Clovita of Tarbell Farms 3d 98021	D	114	May	957.1	4.95	47.38	3764.9	192.76
Eudamar Penpoint 92870	D	347	May	618.1	5.49	33.93	8613.1	423.68
La Fleur Primrose of Tarbell Farms 85106	C	341	May	800.6	5.72	45.79	9580.2	502.17
Magnet of Tarbell Farms 2d 109684	G	354	May	605.0	5.71	34.55	8179.5	415.74
Mita of Tarbell Farms 3d 76109	A	14	Jan	553.8	4.89	27.08		
		42	Feb	1214.7	4.53	55.03		
		73	Mar	1347.3	4.67	62.92		
		103	Apr	1179.6	4.42	52.14		
		134	May	1135.8	4.72	53.61	5431.2	250.78
s. Golden Secret of Pencoyd 23462 A. R.								
d. Mita of Tarbell Farms 45887 A. R. 4719								
Suzanne of Tarbell Farms 107096	E	100	May	1058.2	4.17	44.13	3821.6	163.34
Village Uter 3d 83365	B	224	May	738.5	4.84	35.74	6432.2	316.00

TROMBLY, O. L., LAKE VIEW FARM, CHAZY, N. Y.

Imp. Green Meadow Celia 110775	C	137	May	1007.1	5.06	50.96	4612.2	213.86
Mae of White Farm 96630	C	17	May	680.4	5.45	37.08		
s. Potentate of Maple Lane 33138								
d. Milly of Eastside 59755								

TRUEX, LOREN, ROSE LAWN STOCK FARM, WAKARUSA, IND. 1 day test.

Felicia's Pride of Ochervoil 49154	A	342	May	116.1	5.47	6.35	7647.9	399.44

TURNER & DUVALL, CALDER FARM, PARKTON, MD. 1 day test.

Abbeyleix Judy 119127	G	122	June	684.4	4.65	31.82	3565.8	160.11
Surprise's Gem of Fairview 103649	E	115	June	900.7	4.62	41.61	3900.6	193.50

TWOMBLY, RUTH V., FLORHAM FARM, MADISON, N. J.

Falstaff's Wyoming of Upland Farms 68406	A	365	May	371.3	5.02	18.64	14748.8	679.29
Florham Marigold 87175	B	167	May	1051.1	4.82	50.66	6476.5	288.64
Langwater Fairy 97979	D	101	May	1267.0	4.80	60.82	4336.7	193.87
Langwater Golden Rose 108854	G	229	May	959.4	5.13	49.22	8048.4	379.36
Pencoyd's Secret Rose 74627	A	365	May	1057.0	4.55	48.09	15973.7	687.30

UMHOLTZ, W. H., NILES, MICH. 1 day test.

Bela's Elizabeth P. 110240	G	365	May	737.2	5.22	38.48	6569.4	352.96

VALLEY GEM FARMS, INC., ARLINGTON, WASH.

Lishman's Gana of Valley Gem 115603	G	179	May	1055.3	4.67	49.28	5484.1	263.73
Lishman's Gypsy Girl of Valley Gem 105060	F	192	Apr	860.0	5.90	50.74	5878.4	366.19
Nancy Lee of Valley Gem 90814	C	223	May	1008.8	5.24	52.86	7595.2	376.06
Nan of Birchwood 69607	A	76	Apr	1866.0	3.79	70.72		
		107	May	1776.2	4.29	76.20	6420.8	266.64
Nan of Valley Gem 115604	G	172	May	760.2	5.37	40.82	4456.2	240.55

VAUGHAN, L. E., FERN HILL FARMS, ORONOGO, MO.

Glencoe's Arline 2d 115292	F	162	June	750.4	4.70	35.27	5155.3	184.19
Glencoe's Glenwood Jane 113843	G	257	June	753.1	6.05	45.56	6506.7	356.06
Josephine of Cove Hollow 90728	A	255	June	1432.3	5.08	72.76	13551.9	640.40
Lady Rose Allen 2d 115293	G	173	June	1004.8	4.42	44.41	6021.3	268.43

VOGET, OCTAV, FOSHAY FARM, HUBBARD, OREGON.

Foshay's Jeanette 100220	E	66	Apr	999.5	5.52	55.17		
		97	May	965.8	5.81	56.11	3038.1	167.49
Imp. Lady Fanny of La Grande Maison 57648	A	76	Apr	1270.9	4.76	60.49		
		107	May	1158.5	4.95	57.35	4593.2	218.70

WADSWORTH, 3D, DAVID, AUBURN, N. Y.

General Bay's Guinette 78096	A	49	May	1743.3	4.47	77.93	2649.0	129.37
Greystone's Mary Ann 114303	G	147	May	911.8	4.66	42.49	4492.8	222.96
Greystone's White Rose 114304	G	92	May	952.3	4.40	41.90	3062.0	128.82

WARE SHOALS MANUFACTURING CO., WARE SHOALS, S. C.

Amphea Gem 39379	A	321	May	512.2	4.65	23.82	8386.0	357.63
Bijou's Star of Ware Shoals 144708	F	111	May	991.7	4.22	41.85	3792.4	151.71
Dolly's Heroine of Ware Shoals 125223	F	59	May	871.0	4.54	39.54	1641.2	73.12
Ultra Select's Isabel of Ware Shoals 124992	G	261	May	792.9	4.93	39.09	7400.0	349.79

WATERS, J. A., TWIN FALLS, IDAHO.

Imp. Lena of Clovelly 133289	G	239	May	572.1	4.99	28.55	5060.9	235.02
Imp. Princess II. of Les Chevaliers 133284	G	246	May	694.8	4.24	29.46	6376.0	248.62

WEAVER, EST. LESLIE, SEPASCOT HOME FARMS, RHINEBECK, N. Y.

Flodell Pollyanna 101261	E	26	May	1108.2	4.81	53.30		
		56	June	1370.4	4.81	65.92	2478.6	119.22

s. Imp. Governor II. of Les Grantes 45452
d. Flodell Primrose 64621 A. R. 11071

WEBB, J. GRISWOLD, WEBB FARMS, CLINTON CORNERS, N. Y.

Babe of Webb Farms 116717	G	30	June	1224.1	4.88	59.74		

s. Brookmead's Divan Stars and Stripes 48768
d. Babette of Webb Farms 57781 A. R. 4979

Babs of Webb Farms 100744	F	325	June	631.7	6.27	39.61	7201.1	422.64
Flora of Webb Farms 116718	G	27	May	938.6	5.88	55.19		
		57	June	1110.3	4.93	54.74	2048.9	109.93

s. Brookmead's Divan Stars and Stripes 48768
d. Florette of Webb Farms 73126

Florine of Webb Farms 111152	F	109	June	862.4	5.87	50.62	3143.9	183.34
Humming Bird of Webb Farms 116715	G	30	June	1001.4	4.80	48.07		

s. Brookmead's Divan Stars and Stripes 48768
d. Blue Bird of Webb Farms 67516

WEBSTER, EDWIN S., CHESTNUT HILL, MASS. 1 day test.

Elizabeth Hovey 82937	A	21	May	622.6	4.74	29.51		

s. Golden Dream of Imp. Bon Espoir XII. 25183 A. R.
d. Pamele Hovey 74999

Forestdale Nunette 117003	F	31	May	966.6	4.76	46.01		

s. Yeoman's King of the May 17053 A. R.
d. Hardwick Nun 48407 A. R. 6420

Silverwood's Hope 97177	D	14	May	310.5	5.21	16.18		

s. Silverwood's Golden Secret 34086 A. R.
d. Prince's Christine of Rockstone 62014 A. R. 6837

WEST, POPE N., WAUPACA, WIS.

Bonnie Boy's Queen 102284	E	151	May	840.8	4.21	35.40	4666.0	247.90
Dairy Maid of Maple Lind 130447	F	363	May	730.7	6.75	49.32		
		365	June	44.6	6.75	3.01	9658.4	614.51
Fenella Martin 42155	A	365	Apr	284.2	4.98	14.15	10912.5	456.19
Juanita of Maple Lind 99041	E	223	May	750.3	6.14	46.07		
		253	June	703.8	5.75	40.67	7186.6	448.63

WHEELER, H. WILSON, STREET, MD.

Beatrice of Maple Farm 114556	G	188	May	720.7	5.53	39.85	4870.6	252.86
May King's Alphea of Pomeroy 115384	G	95	May	947.2	4.41	41.77	3175.0	136.44
Nancy's Rose of The Maples 123036	F	64	May	786.1	5.06	39.78	1652.1	82.22

WHILDEN & ONSRUD, THE GAMECOCK DAIRY, SUMTER, S. C.

Belle's Sophia 70819	A	162	May	938.6	4.88	45.80	5775.7	284.39
Imp. Croupette 6th 40620	A	134	May	1051.4	3.84	40.37	5011.4	189.95
Leda of Miniborya 78799	A	325	May	396.2	6.66	26.39	6610.6	371.30
Maid of Pleasant Lane 85509	B	254	May	861.6	4.10	35.33	8360.9	376.56

WHITE, GEORGE M., GAYHEAD GUERNSEY FARMS, COXSACKIE, N. Y.

Gayhead's May 73935	A	243	May	1165.3	4.69	54.65	9179.7	471.26
Gayhead's Ultra Beauty 95949	D	229	May	998.9	4.90	48.95	8014.4	387.75
Gayhead's Ultra May Rose 98880	F	365	May	280.4	5.57	15.62	9860.7	508.08
May of the Catskills 111607	F	193	May	1244.1	4.63	57.60	7532.1	342.33

WHITE, L. S., WHITE DAIRY FARMS, CAIRO, N. Y.

Albamont Dorothy 80120	B	208	May	913.9	5.11	46.70		
		238	June	823.9	4.90	40.37	7454.9	382.15
Buttercup of High Rocks 86063	B	232	May	801.3	5.51	44.15		
		262	June	718.3	5.32	38.21	7416.8	371.53
Kathryn's Vonduboc May 100698	F	283	May	833.5	5.68	47.34		
		313	June	790.0	5.38	42.50	8553.8	448.52
Katonah's Buttercup 2d 101031	D	199	May	1186.2	4.73	56.11		
		229	June	1107.8	4.55	50.40	9599.2	431.14
Katonah's Patricia 2d 101030	C	30	Apr	1414.2	4.16	58.83		
		61	May	1354.4	5.14	69.62		
		91	June	1228.2	4.63	56.87	3996.8	185.32

s. Dairymaid's Glenwood of Pinehurst 8th 30900 A. R.
d. Katonah's Patricia 58886

King Philip's Keda 106770	E	162	May	836.9	6.09	50.97		
		192	June	720.4	5.86	42.22	5933.4	313.84
Marie's Replica of White Farms 115307	G	121	May	1034.5	6.38	66.00		
		151	June	934.8	5.83	54.50	4794.7	272.22
Matie of Bellmath 96362	D	265	May	1162.5	5.18	60.22		
		295	June	1012.8	4.45	45.07	12252.0	563.89
Vonduboc's Jessie 78979	A	119	May	1313.0	5.05	66.31		
		149	June	1191.4	4.43	52.78	6682.8	305.19
Vonduboc's Queen 107569	F	169	May	897.0	6.25	56.06		
		199	June	791.3	5.87	46.45	6010.4	342.25

WHITE, WALTER C., CIRCLE W. FARM, GATES MILLS, OHIO.

Bessie of Hickory Grove 84604	B	106	June	737.2	4.40	32.44	2934.7	133.47
Bessie's Cherry of Hickory Grove 107436	E	65	June	1091.1	4.53	49.43	2357.2	107.55
Charter's Queen of Hickory Grove 121886	G	4	Apr	122.3	4.17	5.10		
		35	May	928.5	4.17	38.72		
		65	June	878.5	4.98	43.75	1929.3	87.57
s. Florham Charter 6th 61350 A. R.								
d. Favorite of Hickory Grove 97827								
Galaxy's Fawn 95720	D	279	June	1137.4	5.37	61.08	11665.8	627.58
Geneva of Cornalfa 108056	F	112	June	1032.8	4.51	46.58	3947.1	173.61
Maranda White 112636	G	149	June	1041.4	4.39	45.72	5301.0	222.04
Nancy Pearl 71253	A	246	May	1196.8	4.90	58.64		
		276	June	974.0	4.86	47.34	10772.6	507.77
Nina's Pet 52422	A	3	Apr	114.8	3.96	4.55		
		34	May	1800.7	3.96	71.31		
		64	June	1705.1	4.11	70.08	3620.6	145.94
s. Holly's Dick 21704								
d. Nina of Convoy 21291								
Pet's Lassie of Hickory Grove 84603	A	104	June	1261.3	4.31	54.36	4080.4	175.17
Raymond's Lucy of Oaks Farm 74827	A	5	Apr	209.6	4.40	9.22		
		36	May	1612.0	4.40	70.93		
		66	June	1629.0	4.64	75.59	3450.6	155.74
s. Imp. Raymond's Prince 27630 A. R.								
d. Lucy Cole of Westwood 26347 A. R. 6090								
Raymond's Molly of Oaks Farm 77926	A	190	June	1184.3	4.42	52.35	7896.3	362.16
Rosamond of Hickory Grove 96138	D	150	June	1163.9	4.36	50.75	6320.5	261.07
Roseleaf of Fernbrook 115194	G	117	June	1040.4	4.33	45.05	3951.5	155.23
Sweetness White 109012	G	350	June	714.5	5.74	41.01	8336.6	474.78
Trixie White's Early Bloom 115371	G	22	Apr	999.5	4.50	44.98		
		53	May	1410.9	3.78	53.33	2410.4	98.31
s. Apollo of Gates Mills 51691								
d. Katherine's Trixie 100396 A. R. 8580								
White Hope Beatrice 90145	D	365	May	705.6	4.99	35.21	11304.4	503.30
White Hope Fern 101128	E	181	June	536.2	5.45	29.22	4091.9	215.69
White's Royal Lassie 111467	G	149	June	993.9	5.06	50.29	5257.6	255.14

WHITE, W. T., HALFRED FARMS, CHAGRIN FALLS, OHIO.

Halfred Farm's Dairy Maid 115756	G	119	June	1007.4	4.78	48.15	4314.4	209.38

WHITE, WILLIAM T., "HILL TOP," PRINCETON, N. J.

Annetta Bell 4th's Lassie 55080	A	23	June	100.5	6.49	64.93		
s. Countess Bonnie Boy of Harriton 18061 A. R.								
d. Annetta Bell 4th 29185								

WHITNEY, C. L. A., WYEBROOK FARM, LOUDONVILLE, N. Y.

Beauty's Princess of Vlaumans Kill 97227	C	61	June	1751.5	4.30	75.31	3484.4	147.92
Gretian's Itchen Bell of Vlaumans Kill 99579	E	251	June	1063.9	5.09	54.15	9569.5	507.04
Jessie Hayes of C. I. F. S. 70004	A	208	June	1199.3	4.08	48.93	9057.4	369.84
Lilyeta of Chicona 85640	C	365	June	390.1	5.04	19.66	14050.9	678.80
Viola's Rose of Springside 91972	A	75	June	1796.2	3.82	68.61	4584.2	172.08
Wyebrook Grace 99205	E	170	June	1055.8	4.36	46.03	7020.7	298.51

WHITTEMORE, OSCAR M., LENOX, MASS.

Bonny Brier Nell 107893	D	31	May	1016.8	4.89	49.72		
s. Imp. Governor of Brier 50867								
d. Imp. Osceola Daphne 69260								
Elsie of Clover Leaf Stock Farm 105032	F	209	May	698.8	5.81	40.60	4779.3	240.31
Red's Golden Secret 110351	F	10	Mar	239.6	5.01	12.00		
		40	Apr	775.8	5.01	38.87		
		71	May	812.7	5.68	46.16	1828.1	97.03
s. Charmante's Golden Secret 27408								
d. Imp. Red II. of Rondibosch 28234 A. R. 1255								
Sturdy's Bo Peep of Locust Hill 86730	B	10	Mar	289.1	4.24	12.26		
		40	Apr	870.8	4.24	36.92		
		71	May	944.8	4.78	45.16	2104.7	94.34
s. Langwater Sturdy 39436								
d. Royal Bo Peep of Maudesleigh 54847 A. R. 6476								

WICKWIRE, CHARLES C., GLENWICK FARM, CORTLAND, N. Y.

Huldah of Trout Brook 96751	E	294	May	611.7	6.79	41.53	8555.8	420.58
Mollianza 100375	E	92	May	1300.5	4.78	62.16	4137.7	193.27
Wedgemere Cinderella 101406	E	325	May	275.7	6.49	17.89	7156.9	331.80

WILKIE, JOHN L., FORGE HILL FARM, NEW WINDSOR, N. Y. 1 day test.

Brita of Woody Brook 111317	F	144	May	617.5	6.18	38.16		
		174	June	596.2	5.90	35.18	3532.7	198.36

WILKINS, CHARLES A., MOUND CITY FARM, PLATTEVILLE, WIS.

Cinderella of Mound City 102308	E	209	June	935.6	5.01	46.87	7362.3	346.74
Primrose of Mound City 102303	E	263	June	759.6	4.79	36.38	7729.4	367.02
Rosy's Pride of Hillside 78666	A	236	June	1009.3	5.13	51.78	8546.7	426.17
Rutila of Mound City 102305	E	253	June	978.9	4.56	44.64	9551.7	408.48
Selma Bell of Mound City 66874	A	140	June	1444.2	4.46	64.41	7138.7	315.33
Susanna of Mound City 91017	C	138	June	915.8	4.94	45.24	4802.2	248.00

WILLIAMS, EDWARD T., ECHO GLADE FARM, DOUSMAN, WIS. 1 day test.

Grace Rilma of Echo Glade 103420	F	235	May	519.3	5.99	31.11	4973.8	271.76
Proud Queen of Echo Glade 116377	G	129	May	885.6	4.76	42.15	3724.2	188.79
Yeksa's Certified Maid 64577	A	220	May	780.7	4.60	35.91	6926.1	330.49

WILLIAMS & SONS, JOHN S., PARK FARM, DOUSMAN, WIS. 1 day test.

Proud Une of Echo Glade 120290	G	73	May	792.3	4.49	35.57	1959.5	103.45

WINSTON, J. O., SAUGERTIES FARM, SAUGERTIES, N. Y.

Imp. Florina III. of La Palotterie 65772	A	182	May	1510.2	4.24	64.03		
		212	June	1384.1	4.06	56.19	10914.2	437.28
Imp. Mahy's Fan 65745	A	356	May	1422.3	4.43	63.01		
		365	June	382.3	4.43	16.94	17204.6	725.60
Maybell's Ultra Lass 77661	A	126	May	1381.6	4.66	64.38	6380.7	295.01
Medora's Welcome of Shagbark 11276	F	78	May	1166.5	5.54	64.62		
		108	June	1058.6	5.28	55.89	3986.7	213.10
Sunnybrook Heather 101974	F	266	May	790.4	5.87	46.40		
		296	June	726.3	5.50	39.95	8765.8	467.75

WINSTON, T. S., WINSTON FARMS, MIDLOTHIAN, VA.

Planet's Butter Girl 89519	D	293	June	732.4	4.56	33.40	8103.8	359.21
Topsy Regent 2d 101667	E	153	June	994.4	5.04	50.12	5814.6	271.30

WITSCHI, JOHN, MANSFIELD, OHIO. 1 day test.

Duchess Chena 93532	D	290	June	713.9	6.07	43.33	8940.3	532.97
Jennie's Blossom 93531	E	136	June	694.0	6.90	47.89	3278.9	218.34
Langwailer Edelweiss 143374	G	129	June	606.6	6.28	38.09	3075.9	174.52
Queen of Morningside Farm 94761	E	365	June	20.9	7.06	1.48	8356.3	433.41

Breeders' List

Your name may be listed here by states for one year by sending us $5.00. This also entitles you to a year's subscription to the Guernsey Breeders' Journal. If you are already a subscriber to the Journal an adjustment will be made.

California

Brant, D. O., Brant Rancho, Owensmouth, Los Angeles Co.
Brown, James A., Capitola

Connecticut

Emerson Farm, Wheeler, A. E., Colebrook, Conn.

Idaho

Golden Acres, Henry Schick, Buhl
Thousand Springs Farm, Wendell
Willow Wood Guernsey Farm, J. T. Harshbarger & Sons, Filer

Illinois

Walter, Edw. A. c-o Chapin & Co., 327 So. La Salle St., Chicago

Kansas

Dunbar, J. N., Columbus
Krueger, R. C., Burlington
Perkins, Fred, Oswego
The Ransom Farm, Ransomville; Post Office, Homewood

Maine

Laudholm Farms, George C. Lord, 2nd Manager, Wells
Ridgeway Guernsey Farm, C. W. Brown, Windsor
Russell, Cony, Elmdale Farm, Norridgewock
Sunbeam Stock Farm, G. F. Butman, Bangor

Maryland

Bacchus, T. W., White Hall Farm, Elkton
Stone Ridge Farm, George E. Hamilton, Bethesda

Massachusetts

Leman Farm, Hopkinton

Michigan

Briarbank Farm, W. J. Barbour, Birmingham
Lambert, C. E. & Sons, Linwood, Mich.

Minnesota

Atlas Guernseys, Rayburn & Nelson, Litchfield
Red River Valley Guernsey Breeders' Association, Halstad

Missouri

El Jane Farms, Arcadia
Fern Hill Farms, L. E. Vaughn, Orongo
Johnson, G. R., Lynndale Farm, Hickman Mills
Seth Livezey, Flemington

New Jersey

Gill, E. T., Haddon Farms, Haddonfield
Hope, J. L., Florham Farms, Madison
New Jersey Guernsey Breeders' Association, Wm. M. Nulton Jr., Field Sec'y, New Brunswick

New York

Fairydale Farm, Pawling, Dutchess Co.
Wm. B. Hall, Clinton Corners
Lamont, H. S., Cobleskill
Weaver, Est. of Leslie, Rhinebeck

Ohio

Avalon Farm, E. C. Peck, Propr., Macedonia
Wilderson, G. G., Leetonia

Oklahoma

Larson & Sons, L., Chickasha
Primrose Farm, Mort Woods, Ardmore

Oregon

M. & H. Sequoia Ranch, Harry E. Tucker, Manager, Albany

Pennsylvania

Oxford Farm, Bethlehem, Pa.
Crossways Farm Company Inc., Meadowview

Virginia

Virginia Guernsey Farm, John R. Dickey & Son, Bristol

WOOD, M. B., & RICHARDSON, GEORGE E., "ELMERE," GARDEN CITY, MINN.

Ben's La Charruee 118405	G	156	May	631.8	5.31	33.55	3500.9	178.72
Ben's Lola 118406	G	150	May	764.5	6.46	49.39	1220.8	73.12
Imp. Flossie Lee of Jean Du Luth 93870	C	148	May	1051.9	5.05	53.12	5187.0	264.08
Imp. La Charruee of Jean Du Luth 93881	B	61	May	1190.1	5.12	60.93	2419.9	121.81
Imp. Mimosa's Pet of Jean Du Luth 93875	C	201	May	1107.9	5.51	61.05	7934.1	416.89

WOOLVER, R. H., ONEIDA, N. Y.

Valentine Belle 107540	F	243	May	183.0	5.38	9.84		
				96.3	4.54	4.37		
		273	June	710.1	4.54	32.24	6210.4	293.80

WORCH, G. H., & SPILLERS, SHERMAN, VERSAILLES, OHIO. 1 day test.

Goldmead's Bright Star 102077	E	120	May	1327.8	4.49	59.62	5196.6	234.52
Goldmead's Gratis Star 116228	G	107	May	1024.2	4.42	45.27	3618.0	161.86
Gratis Bell 73422	A	88	May	1347.8	4.39	59.17	4822.8	227.01

WRIGHT, H. A., SEATTLE, WASH. 1 day test.

Imp. Bertha of Village Farm 119085	G	365	May	116.1	7.12	8.27	8123.4	469.75
Gem of Lopez 101077	F	303	June	773.8	5.12	39.62	7748.8	444.14
Lassette 115211	A	30	June	847.7	3.65	30.94		
s. Frenchman's Governor of Linwood 35667 A. R.								
d. Lassie of Lopez 89939								
Leona of Lopez 112279	G	91	June	943.2	4.71	44.42	2725.8	133.64

WRIGHT, STUART L., HORSESHOE FARM, ONEONTA, N. Y.

Marie's Beauty of Hartwick 75297	A	28	May	1082.6	4.64	50.23		
s. Queen's Governor of Oakhurst 22781								
d. Auricula's Marie 48428								
Miss Ruth W. 108364	F	182	May	1047.3	5.64	59.07	6697.7	338.59

WROLSTAD, M. J., NORTHLAND, WIS.

Daisy of Northland 70771	A	365	June	358.7	5.54	19.87	10876.4	499.68

YODER, J. S., CEDAR LANE FARM, WOOSTER, OHIO.

Imp. Daisy Isabelle III. 77332	A	29	May	1106.4	4.44	49.12		
		59	June	1340.4	4.36	58.44	2446.8	107.56
s. Emperor of Quesnard R. A. A. S. 194 P. S., A. R.								
d. Rosy of Venelle Jeanette R. A. A. S. 1443 P. S.								
Imp. Dina of Les Houards 77325	A	20	Apr	760.6	4.31	32.78		
		51	May	1442.7	4.10	59.15		
		81	June	1289.4	4.93	63.57	3492.7	155.50
s. Imp. Governor of the Vauquiedor 39925 A. R.								
d. Dina of the Villette R. G. A. S. 4924 F. S.								

ZIESING, AUGUST, THORN HILL FARM, DEERFIELD, ILL.

Fleurie of Thorn Hill 95462	D	117	May	907.7	6.17	56.01	3695.6	220.44
Maggie of Thorn Hill 91628	C	160	May	1155.2	4.82	55.68	7038.1	322.17
Marshall's Rosette of Thorn Hill 144464	G	31	May	1086.0	4.40	47.78		
s. Marshall's Victor of Waddington 54421								
d. Imp. Sally of Sarnia 94243								
Ruby's Hannah of Thorn Hill 110155	F	68	May	762.2	4.44	33.84	1742.4	76.79
Victor's Duchess of Thorn Hill 110154	G	212	May	777.1	6.40	49.73	6208.5	358.66

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BULL CALVES by our Junior Sire, Prince Charlie of Linda Vista 45951 A. R. *and* a limited number of HEIFERS

STANNOX FARM

EAST HOLLISTON, MASS.

P. F STAPLES, Manager

C. S. HOUGHTON, Owner

Itchen May King 25174

Oldest County Guernsey Breeders' Association in the United States

WAUKESHA COUNTY
THE · GUERNSEY · CAPITAL · OF · AMERICA
"NINETY MILES NORTH OF CHICAGO"

The Park Farm *Herd*

has long been bred along lines of beauty and production. We bred the dam, granddam and great-granddam of Park's Judith Beauty, phenomenal breeding, twice world's record cow. Her sire is still in service with us and her twenty half sisters in the herd are being bred to two excellent bulls of high producing ancestry.

YOUR CORRESPONDENCE IS SOLICITED

JOHN H. WILLIAMS, *Owner* WAUKESHA, WIS.

FOX and KINGSTON OFFER

Sons of Imp. Itchen May King 25174 A. R.

(Grand Champion, 1920 National Dairy Show)

1. FAWNY'S KING CAVALIER 85088
Born October 8, 1922.
Dam—Fawny's Beauty of Waukesha A. R., 553.47 lbs. at 3 years
2. BETH'S CHARMER OF WAUKESHA 85087
Born Sept. 21, 1922
Dam—Yeksa's Beth of Guernsey Hill A. R. 507.17 lbs. at 4 years
3. MUSKEGO ADMIRATION 82412
Born Feb. 23, 1922
Dam—On official test, milking over 50 lbs. daily
4—BULL CALF
Dam—Walter Sequel's Lady Taft of Denmark A. R. 524.9 lbs. fat. Class A

Other Bull Calves by this sire and a few Females offered

Write your wants

GOODHAND KINGSTON & SON *and* F. E. FOX

Waukesha, Wisconsin

COW COUNTY U. S. A.

BRED FOR PRODUCTION GUERNSEYS

DO YOU WANT

GRADE GUERNSEY FEMALES—We have them, all ages, Calves, Heifers, Cows

REGISTERED GUERNSEY FEMALES—Our members are ready to supply your wants, any age

REGISTERED GUERNSEY MALES—Calves, and those of serviceable age out of A. R. dams

Our breeders aim to offer the best quality Guernseys at reasonable prices, tuberculin tested, in good health, and heavy producers.

Come to WAUKESHA, look over our herds, and make your selections, or write, stating what you are interested in, and we will gladly describe what we have to offer.

WAUKESHA COUNTY, GUERNSEY BREEDERS' ASSOCIATION

F. E. FOX, Secretary, Waukesha, Wisconsin

SUNNY VALLEY FARM

offers the Guernsey Bull

Marguerite's Ultra King 77327

Dropped May 16, 1921.

SIRE—Ultra King of Edgemoor 42532
Dam's record 12189.9 lbs. milk; 614.6 lbs. fat.
DAM—Marguerite of Sunny Valley 40719.
Record is 11174.3 lbs. milk; 629 lbs. fat as junior three year old

Write

WM. M. JONES & SON, Waukesha, Wis.

Waukesha County Guernsey Breeders' Association

WAUKESHA COUNTY
THE · GUERNSEY · CAPITAL · OF · AMERICA

"NINETY MILES NORTH OF CHICAGO"

Guernsey Pedigrees Tabulated

Thirty Ancester Pedigree, $1.00

Customers write they have no difficulty in selling Guernseys when they have pedigrees tabulated by FOX. Let me write up yours and help you dispose of your surplus stock.

Advanced Registry Records, American and Island, Prize winnings, sale prices, recorded in red type.

For numbers over 126830 females and 78200 males, send name and number of sire and dam. This is important, as it will avoid delays.

F. E. FOX - - WAUKESHA, WIS.

BANNER GUERNSEY FARM

Herd Sire--Corium Bertram 63731

SIRE—Superb of Edgemoor 49590

DAM—Laura of Birchwood 54190; 12488 lbs. milk, 676 lbs. fat, AA

A few Registered Cows for sale bred to above sire and due in February

A C. KLEINHANS, R. F. D. 1, Brookfield, Wis.

MAPLE HEIGHTS GUERNSEY FARM

Federal Accredited Herd

HERD SIRES:

NAVIGATOR OF EDGEMOOR 62162

Sire: PENCOYD'S GOLDEN MAY SECRET 39626 A. R., eleven A. R. daughters that average over 500 lbs. as two-year-olds.

Dam: Imp. MILDRED II. OF LES GODAINES 55120, 702 lbs. fat, a prize winner also.

ITCHEN MAY KING OF MAPLE HEIGHTS 71366

Sired by the Grand Champion Imp ITCHEN MAY KING 25174 A. R., and out of an A. R. daughter of IMP. MILDRED II OF LES GODAINES 55120.

Thirty head choice females and a few males of the above and other good breeding for sale.

FRANK E. SWAN WAUWATOSA, WIS.

SPRING RIDGE FARM

Pure Breds and Grades For Sale

E. H. JENKINS & SON

Genesee Depot - - - - - Wisconsin

LOOP GUERNSEY FARM

Federal Accredited Herd

A few choice males and females, descendants of Imp. BOHEMIAN GIRL OF EDGEMOOR — 709.15 lbs. fat; Imp. McKERROW'S GOVERNESS CARTERET — 811.43 lbs. fat, and other good A. R. cows *for sale.*

W. E. FISHER WAUWATOSA, WIS.

OWENDALE FARM

Herd Sire: Reformer of Park Farm 80057

Sire: Governor of Bailey Falls 36994 A. R. sire of Park's Judith Beauty 76118 A. R. 768.50 lbs. fat Class BB. Former Class Leader in FF and BB. Sold for $3400.00.

Dam: Park's Yeksa Queen 21602, A. R. 1809, 8995.00 lbs. milk; 433.61 lbs. fat Class CC. Double Grandaughter of Lord Yeksa. Great Granddam of Park's Judith Beauty 76118, 768.50 lbs. fat. She is also dam of 2 A. R. cows: Park's Queen Rhea 653.59 lbs. fat (Class A), Park's Yeksa Queen 3d, 519.86 lbs. fat (Class A) His full sister is starting out and promises to make a good A. R. record.

DAVE OWEN, **Post office Mukawonago, Wisconsin, R. 4 On Highway 59 in Genesee**

WILLALVIN FARM

Federal Accredited Herd

OFFERS TWO BULLS

One born December 5, 1922 The other January 14, 1923

Grandsons of Langwater Royal 4th who is a full brother to Pearl's Dot. World's Record Guernsey in Class AA. Dam's records up to 619 lbs. fat in Class AA.

BASSE BROS., R. 3, Station D, MILWAUKEE, WIS.

Waukesha County Guernsey Breeders' Association

Get High Herd Efficiency.
Buy
Waukesha County
Guernseys

Yeksa's Tops of Gold's Fannie 22362

WAUKESHA COUNTY
THE · GUERNSEY · CAPITAL · OF · AMERICA
"NINETY MILES NORTH OF CHICAGO"

SIZE
QUALITY
LONGEVITY
PRODUCTION
CONSTITUTION

are fixed qualities in the twenty descendants at SHORELAND FARM of the great cow Glenwood's Miss Greta 12121 lbs. milk, 642 lbs. fat at 13 years Class AA, the highest record of the breed for that age. She is due to freshen this fall at 15 years. Her oldest daughter, now ten years, has averaged 77 lbs. of fat per month for her first seven months on test.

L. B. STEVENS Oconomowoc, Wis.

Oakland Guernsey Farm
SINCE 1890

Offers High Grade, practically pure bred, young cows to freshen, in car lots or less, also heifers all ages. A few registered bulls.

When in our country call on us before buying. I can fill your order.

H. R. LOBDELL - Mukwonago, Wis.

FOR SALE:
Proud Prince of Edgemoor 43685
Sire's dam's record 719.86 lbs. fat, Class A
Dam's record 709.15 lbs. fat at five years

Come and see him and his get

See page A–34 July 1st Journal for picture of PROUD PRINCE

For price and all particulars address

ECHO GLADE GUERNSEY STOCK FARM
DOUSMAN - - WISCONSIN

IF INTERESTED IN GUERNSEYS
Be sure to pay us a visit the next time you come to Waukesha County.

Write us if you are in need of Guernseys but unable to come personally.

List of stock for sale mailed on request. Stock is bred along popular lines and of A. R. parentage.

UTILITY FARM
J. M. HARVEY - - WAUKESHA, WIS., R. 2

HILLSIDE VIEW FARMS
Breeders of Aristocratic Guernseys
Grand Champion Male and Female
Waukesha County Dairy Show, 1922

M. A. SEYBOLD & SONS, Props.
WAUKESHA, WIS., Route 1, Box 44

BULL
Dropped November, 1922

Dam: 10384 lbs. milk; 523 lbs. fat
Sire's Dam 13460 lbs. milk; 629 lbs. fat at 3 years

For Particulars Write

TILLYBARDIN GUERNSEY FARM
CHAS. J. MITCHELL, Waukesha, Wis.

CRUGLAS FARM GUERNSEYS
Registered and High Grade Guernseys
Tuberculin Tested

GRADE COWS AND HEIFERS A SPECIALTY

Herd Sire: Proud Banner of Echo Glade
Sire: Proud Prince of Edgemoor

THOS. H. EVANS - - Wales, Wis.

Waukesha County Guernsey Breeders' Association

MASSACHUSETTS GUERNSEYS

PROVEN SIRES

We are offering an exceptionally fine lot of young Cows and Heifers that are priced at reasonable figures,

WELL GROWN YOUNG STOCK

LANGWATER CONTENT 105258
In 428 days 9750.8 lbs. milk; 506.14 lbs. fat, Class G (subject to verification)

MILKING DAMS

The current offering consists of Advanced Register cows, bred heifers and others ready to breed Write for full information

CLEAN, HEALTHY HERDS

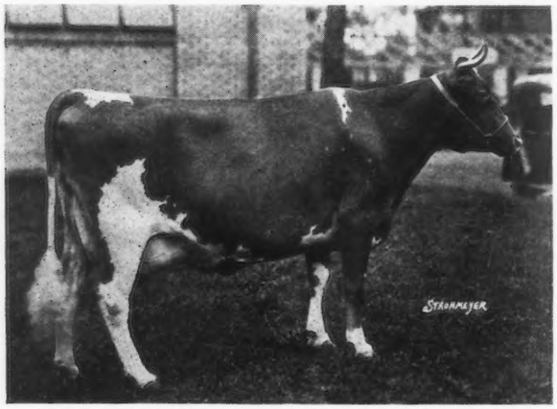
FOUNDATION GUERNSEYS FOR HERD IMPROVEMENT

List of Cattle offered for sale now available

The MASSACHUSETTS GUERNSEY BREEDERS' ASSOCIATION
JAMES E. HARPER, *Field Secretary*
146 SUMMER STREET, ROOM 43 (*near South Station*), BOSTON, MASS.

"Glencairne" Guernseys

on the 1922 show circuit "*swept a victorious pathway down the Atlantic Coast from New England to Florida.*"—(Page 240, March 1st JOURFAL.)



IMP. RHODA DES BLANCS BOIS 68684

Winner of more GRAND CHAMPIONSHIPS than any other Guernsey female, member of undefeated Dairy Herd and Exhibitor's Herd that was 1st at seven fairs.
We will be on the circuit again this year.

FOR SALE—Two young show bulls out of 700 lb. dams, also several A. R. Cows.

R. H. L. CHICHESTER
Owner
Fredericksburg, Va.

D. M. CHICHESTER
Manager
Falmouth, Va.

FRIENDSHIP GUERNSEYS

Accredited Herd No. 43730

announce addition to herd of

Dairy Maid Queen of Spring Hill 2nd

The daughter of the new Class A Leader
DAIRY MAID QUEEN OF SPRING HILL 74067

There are seven Guernsey cows with over **1000 lbs.** of fat of these seven our herd contains

LANGWATER NANCY 27943
18783.5 lbs. milk, 1011.66 lbs. fat.

Belletta of Millgrove
A 7-8 SISTER OF MURNE COWAN 19597
24008.8 lbs. milk, 1098.18 lbs. fat.

Dairy Maid Queen of Spring Hill 2nd
A DAUGHTER OF
DAIRY MAID QUEEN OF SPRING HILL 74067
18180.70 lbs. milk, 1011.18 lbs. fat.

A. A. THOMPSON
Owner

OAK HILL ESTATE
UNIONTOWN, PA.

A Westchester County Class Leader

BESSIE OF PORTLAND 36255 A. R.
15187.4 lbs. milk: 805.48 lbs. butter fat. Sixth in Class AA

Dam of five heifers, two of which already have records of 501.36 lbs. fat in E and 558.05 lbs. fat in D and one on test that is making over 60 lbs. fat a month in E

WESTCHESTER COUNTY GUERNSEYS ARE GOOD GUERNSEYS

COME AND SEE

W. B. Jones, Supt.,
WOODLANDS FARM
WHITE PLAINS, N. Y.
Tel.: White Plains 711

F. C. Shaw, Manager,
KNOLLWOOD FARM
PORT CHESTER, N. Y.
Tel.: Port Chester 50-W

Harry Van Veen, Manager
MAPLE SHADE FARM
BRIARCLIFF MANOR, N. Y.
Tel.: Briarcliff 133

Vincent Phelps, Supt.,
CHILMARK FARM
OSSINING, N. Y.
Tel.: Ossining 974

Wm. Barclay, Manager,
ANNANDALE FARM
MT. KISCO, N. Y.
Tel.: Mt. Kisco 674

J. O. Sewall, Manager,
DELLWOOD FARM
MT. KISCO, N. Y.
Tel.: Mt. Kisco 20-F-15

Wm. H. Sanders, Manager,
BEAVER RIDGE FARM
BEDFORD HILLS, N. Y.
Tel.: Bedford Village 58-W

GIRDLE RIDGE FARM
KATONAH, N. Y.
Tel: Katonah 105

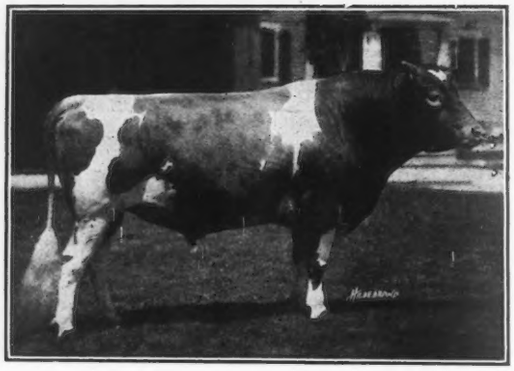
E. G. Carman, Manager,
OAKBROOKE FARM
LAKE WACCABUC, N. Y.
Tel.: So. Salem 5-F-22

Richard Hopper, Manager,
WOODY BROOK FARM
P. O. RIDGEFIELD, CONN.
Tel.: Ridgefield 271

Muriel K. Hill, Supt.,
ROCKLEDGE FARM
MOHEGAN LAKE, N. Y.
Tel.: Peekskill 250-J

Anton's Lucile Primrose 71074
10084.10 lbs. Milk; 573 lbs. B. F.
Farmer's Class B

STATE OF MAINE GUERNSEYS



RED GAUNTLET OF LINDA VISTA 39579

Carries 26.17% of May Rose II. 3351 P. S. blood

Sired by Imp. Itchen Red Raider 27342 A. R. out of Mayflower of Linda Vista 42568 A. R. 435. Record of 13,592 lbs. milk, 579.81 lbs. butter fat, Class A

Sire of LAUDHOLM DELIGHT 81841 A. R. 8818

Formerly holder of Sixth Place in Class GG and still the Champion GG Cow in New England with record of 12,541 lbs. milk, 607.58 lbs. butter fat

LAUDHOLM FARMS GUERNSEYS

YOUNG BULLS of fine individuality—half brothers of LAUDHOLM DELIGHT 81841 A. R. 8818—by

Red Gauntlet of Linda Vista 39579

out of tested dams with excellent records at reasonable prices

Federal Accredited Herd 17128

Come and see us or write for particulars

CHARLES E. LORD & SONS
GEORGE C. LORD, 2nd, Manager
WELLS :: :: :: MAINE

Elmlawn Farm Guernseys

Senior Herd Sire
COURTING GLENBURNIE 43325

Sire: WARDEM ULTRA KING 29922, grandson of Ne Plus Ultra and son of Wardem Abbess 70952 A. R.—8877.1 lbs. milk, 422.80 lbs. butter fat, in 233 days.

Dam: GLENBURNIE GIRL 37532 A. R.—13559 lbs. milk 684.6 lbs. b. f., Class D. Dam of Glenburnie Girl of Indian Bridge A. R., 1436.4 lbs. m., 690.20 lbs. b. f., Class E.

Our herd is free from contagion abortion and under Government inspection.

Cows, bred heifers and young bulls for sale.

G. E. FOSTER & SONS, CORNVILLE, ME.

Sunbeam Stock Farm

G. F. BUTMAN

Registered Guernsey Cattle
Large, High Producing
Show Animals

STOCK FOR SALE

Box 247 BANGOR, MAINE

Foreside Farm

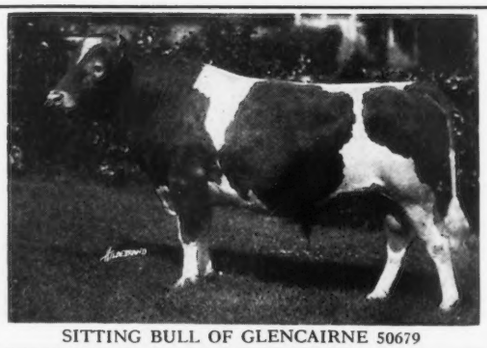
Falmouth Foreside, Me.

Herd Sire: SITTING BULL OF GLENCAIRNE 50679
A Great Dairy Bull
Son of Minnehaha's Papoose, 6th cow in GG, and Aristocrat of Harbor Hill

For Sale: FOUR MONTHS OLD BULL CALF, son of Sitting Bull, out of Anton's Lucile Primrose 71074, a large rugged cow with record of 573.75 lbs. fat in Farmer's Class, 305 days; the leading cow in this class (see August 15th JOURNAL).

THIS CALF IS A SPLENDID INDIVIDUAL - *Price* $250.—

RALPH S. NORTON, *Owner* WARREN E. FARWELL, *Supt.*



SITTING BULL OF GLENCAIRNE 50679

WEDGEMERE FARM GUERNSEYS

Framingham, Mass., R. F. D. 2

Senior Herd Sire—WEDGEMERE ADMIRAL 62269
SIRE—JETHRO'S MAY KING
DAM—IMP. ANNA PRIMULA

Junior Sire—WEDGEMERE TITAN
SIRE—LANGWATER PLANET
DAM—GOLDEN TRIPLE ROSE, a daughter of Beda's May King

Our herd sires carry the blood of Imp. King of the May, Governor of the Chene, Imp. Golden Secret, Itchen Raider, Beda's May King, Imp. Hayes Rosie, Dolly Bloom and Ma Marchante 2nd.

We have several bulls for sale, bred along these lines, from eight to twenty months old, and from dams with records from 600 to 783 lbs. fat, Class A. These bulls are fine individuals, nicely marked and sure to get production.

Price, pedigree and photos given on request

C. F. ADAMS, Owner L. E. PALMER, Mgr.

Person Stock Farm

OFFERS

Sons of

MAY ROSE GOLDEN SECRET 34920 A. R.
LANGWATER EMIGRANT 14076 A. R.
REX OF MINOT 4867

These young bulls are out of A. R. cows with records up to 757.57 lbs. fat.

GOOD TYPES - WELL GROWN - ALL AGES

:: :: *Send for Lists* :: ::

ALSO OFFER FEMALES

Some A. R. Cows

GOOD VALUES - PRICED RIGHT

FEDERAL ACCREDITED

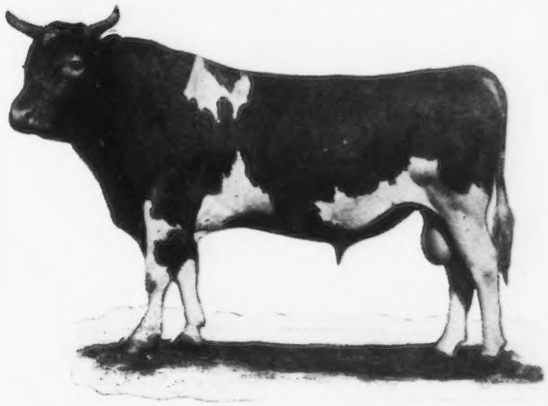
E. S. PERSON - MINOT, N. D.

PUBLIC AUCTION

At the Mansfield Fair Ground - Mansfield, Ohio

September 12, 1923, at 1:00 P. M.

Sale includes four bulls and twenty-three females



Only one bull, May King Masher of Chilmark, shown above, and three females over five years of age. One 620 EE, one 504 EE, one 433 EE, one 506 A, one in 177 days 208.98 GG, and one will finish with over 620 lbs. B. F., Class D. Others: one whose two nearest dams average 622, another heifer whose five nearest dams average 545. A bull whose two nearest dams average 679.92 lbs. B. F., one record in EE.

DID YOU READ THE ADV. IN THE AUGUST 1 JOURNAL?

This herd was T. B. tested thirty days before sale and is being sold subject to a sixty day retest.

JOHN WITSCHI [R. 5] Mansfield, Ohio

OSCEOLA FARMS

HOME OF THE ISLAND'S BEST

HOW WOULD THESE LOOK IN YOUR HERD?

THE JULY IMPORTATION

is now home and open for inspection. Each animal was selected with the greatest care and embodies the best in type and breeding the Island has developed.

ALL ARE FOR SALE

15 TWO YEAR OLD, fall calving heifers, including and of equal merit to the quartet depicted above

12 YOUNG COWS, most of which have or were making good records

15 YEARLINGS, with size and type, worthy of being mated to great bulls

20 CALVES, six to twelve months, all from good Island cows.

YOUR CORRESPONDENCE AND INSPECTION INVITED

GORDON HALL Cranford, New Jersey

When a man wants a Guernsey Female in these days

HE HAS TO HUNT

Our more than forty years of experience in breeding and importing Guernseys has given us an unexcelled acquaintance with the herds of both purebred and grade Guernseys covering the entire eastern section of New York. We have at our farm now 90 head from which you can have your choice of one or a car load.

Tuberculin Tested

F. B. BUCKLEY & SON Valley Falls, N. Y.

ANNOUNCING THE REEDHURST SALE

WHICH WILL CONSIST OF

THIRTY-FIVE ANIMALS

TO BE HELD AT

Reedhurst Farm, Wilson, Pa. - Tuesday, October 16, 1923

(Note change of date)

This is a herd of splendid cows, a few calves, some yearlings the balance ranging from two year olds up to six year olds. The animals are of strong constitution with large middles, good backs, well sprung ribs, splendid udders and teats, with prominent milk veins. On first sight you will recognize the working and breeding type. Their breeding is well balanced and of the popular strains. The herd, though small is all backed by world record cows.

Granddaughters of Murne Cowan who holds the world's record for milk 24008.0 lbs., fat 1098.18 lbs.

Granddaughters of Royal's Pretty Pearl who is full sister of Pearl's Dot the present world's record cow in Class AA. 19602.5 lbs. milk, 965.80 lbs. fat.

A son of May Rose of Westbrook Farm who holds third place in Class BB, 15530.00 lbs. milk, 757.07 lbs. fat as a four year old; 812.00 lbs. fat as a five year old.

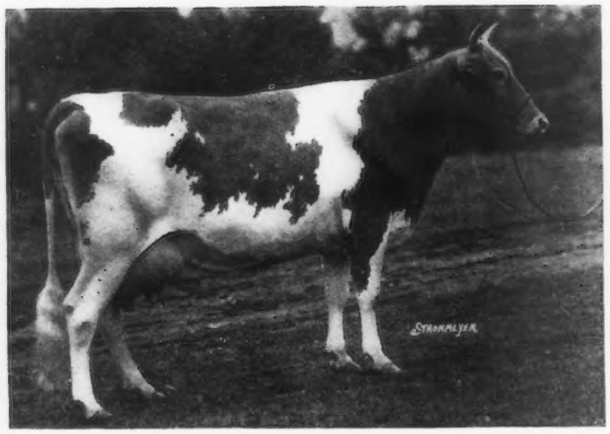
Here you will find, at your own price just exactly what you have been looking for. These young cows and heifers have not been rushed or over worked, but are in condition and are awaiting the opportunity themselves to back up the world's records of their granddams.

October 16, 1923, is the Tuesday, following the National Dairy Exposition at Syracuse, New York. Wilson, Pa., is but a ten hour ride from Syracuse to Pittsburgh. Train leaves Syracuse 5.05 P. M., arrives at Buffalo at 8.45 P. M.; leaves Buffalo at 11.00 P. M., arrives at Pittsburgh Union Station at 7.00 A. M. Wilson is a suburb of Pittsburgh. Leaving the Union Station on the Monongahela Division for Wilson.

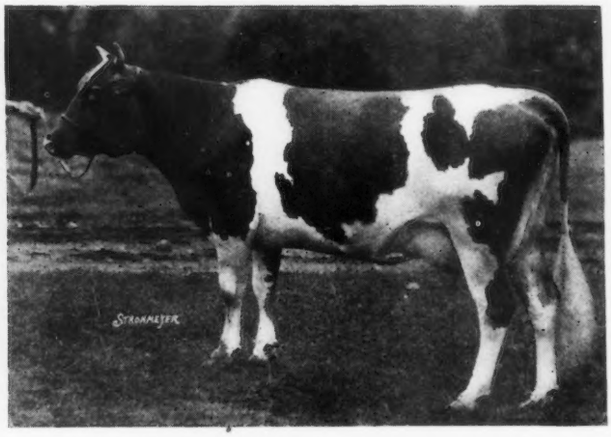
FOR CATALOGUE WRITE

DR. M. L. REED - - - Sales Manager

Two Daughters *of* Langwater Ultimas 39637 A. R.



WESTVIEW BERNICE 114137
In 243 days she has made 8486.4 lbs. of milk, 397.54 lbs. of butterfat in Class G.



WESTVIEW SUZETTE 114671
In 171 days she has made 5740.4 lbs. of milk, 324.62 lbs. of butterfat in Class G.

These are two of the eleven daughters now on test. Two more have already finished with records of 598.26 and 606.97 in F and G respectively. All of these daughters show a marked improvement over their dams both in conformation and production.

We shall show you more of these daughters in later issues. Note particularly the good fore-udders—a characteristic of all the daughters of Langwater Ultimas, regardless of dam. Note their similarity in type, despite the fact that they are out of different dams with different lines of breeding.

These daughters evidence the prepotency of this great son of Langwater Holliston and Imp. Royal Rose of Easton.

We have some females bred to Langwater Ultimas for sale at attractive prices. Come and see them.

WESTVIEW FARM

Federal Accredited Herd

PAWLING, NEW YORK

63 miles from New York City

B. A. MACKINNON, *Owner* FRANK WURST, *Manager*

MAPLE SHADE FARM

HERD SIRE
GERAR PEARL'S ROYAL 58411

a son of the Greatest Matron of the Breed

Gerar Pearl A. R. 1107

and full brother to

Five Class Leader Cows

FOR SALE—Young bulls and bull calves by the above sire and out high class A. R. cows with records up to 726.66 lbs. fat.

Herd Accredited—Seventy-two animals have just passed the fifth clean Federal test

M. T. PHILLIPS - - - Pomeroy, Pa.

KING MUNROE

A Sire of Production - From an 848 lb. dam

To avoid too close breeding, we offer our senior herd sire. His first two daughters now on test, Class G. Should average 465 to 475 lbs.

Sire: RESERVATION CHESTERFIELD A. R.
Fourteen A. R. daughters, including Hattie Munroe (650 lbs., Class D) and Bonita Munroe (625 lbs., Class D). Chesterfield is a grandson of Ne Plus Ultra A. R.

Dam: LUCY MUNROE OF TONYDALE A. R.
Winner New York State Trophy 1922. Highest production: 110256 lbs. milk, 672.0 lbs. fat, Class A; Retest—14451.4 lbs. milk, 848.32 lbs. fat, Class A.

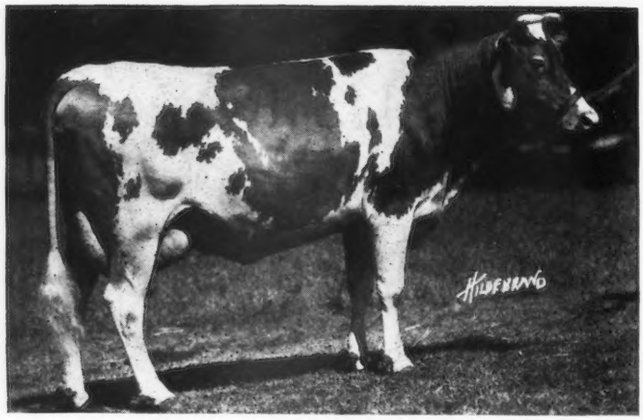
Send for pedigree or see this bull

OTHER STOCK FOR SALE - BOTH SEXES

ACCREDITED HERD 10060
ESTABLISHED 1898

L. A. TOAN
Perry - New York

BRED FOR PRODUCTION



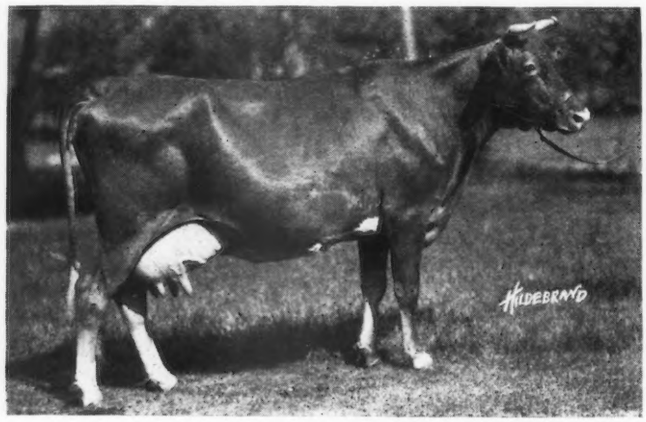
UPLAND'S MARJORY 96105

Record—12306.7 lbs. Milk, 663.29 lbs. Fat, Class F

SIRE—LANGWATER CAVALIER 21012

DAM—MARJORY OF HYLSTED 53064

The daughters of Langwater Cavalier are producers as indicated by the fact that he has at the present time twenty-one A. R. daughters that average 588.20 lbs. fat, only four of the danghters have been retested. We have several daughters of Cavalier on test at the present, and these figures will be much higher at the end of the year.



UPLAND'S PRETORIA 89600

Record—12369.80 lbs. Milk, 693.33 lbs. Fat, Class F

(On retest in Class B. In 104 days has produced 6170.6 lbs. Milk, 272 lbs. fat, unofficial)

SIRE—TOSTEVIN'S LAD OF GREAT HILL 27677

DAM—ULTRA LADY 38913

Tostevin's Lad of Great Hill has eight A. R. daughters that average 630.10 lbs. fat, only one of these records made in Class A.

We have a number of daughters of Cavalier out of daughters of Tostevin at the present time that look very promising.

UPLAND FARMS, INC.

Ipswich, Mass.

SUNNYBROOK GUERNSEYS

I am prepared to furnish high class

SHOW ANIMALS

OF BOTH SEXES

These individuals are backed by large production records and are of popular MAY ROSE breeding

HERD ACCREDITED

CHARLES D. CLEVELAND

Box 125 - - - - - - - EATONTOWN, N. J.

Willow Creek Farm

ACCREDITED HERD

PENLLYN PA.

HERD SIRES

KING THISTLE 49781

SIRE—Southwick May King 33207
DAM—Helma of Lee Farm 39202 A. R. 3568
12356.0 lbs. milk, 679.48 lbs. fat

SHUTTLEWICK AUTUMN KING 72675

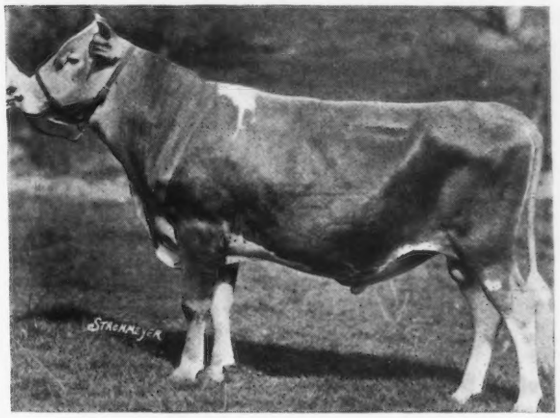
SIRE—Itchen King 49803
DAM—Brookmead's September Morn 55401 A. R. 6125
9533.90 lbs. milk, 551.73 lbs. fat in G

FOR SALE—A bull calf by King Thistle 49781 out of a daughter of a former class BB leader

MRS. ELIZABETH F. RIEGER, OWNER — W. R. MARPLE, MGR.

FLYING - HILL - FARMS

offer for sale



FLYING HILL PRINCE OF FASHION 81247

Sire: PENCOYD FASHION PLATE 54590, grandson of Golden Secret of Lilyvale 10028. Carries 18½ of May Rose King blood. Two oldest daughters now on test in G.

Dam: PRIDE OF FLYING HILL 61841 A. R. 8090, Class AA, 12115 pounds milk, 625 pounds B. F. Granddaughter of Glenwood Main Stay 6067. Dam of two A. R. daughters.

ACCREDITED HERD No. 37097

C. & M. ARCHER :-: READING, PA.

BELLFOUNDER GUERNSEYS SUPREME

ANNOUNCING

FALCON'S MASTERPIECE

This youngster, dropped March 9, 1923, carries 75% of the same blood as produced Countess Prue, World's record Guernsey, Polly of Falcon's Flight and Rose of Falcon's Flight. His breeding insures production—his conformation approaches perfection. He will be retained as a future herd sire for our Bellfounders.

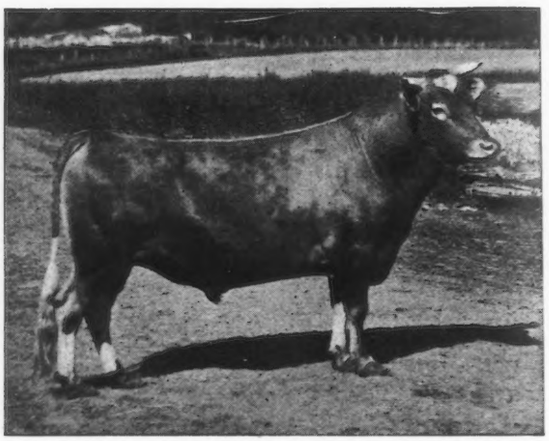
We can offer some especially promising grandsons of Bellfounder at the present time

Write us today

FALCON'S FLIGHT FARMS

LITCHFIELD, CONN.

B. AUSTIN CHENEY WALTER A. COOK, Manager



WILL EXCHANGE FOR REGISTERED GUERNSEY HEIFERS OR COWS

Our Registered Guernsey Bull

Muriel's Raider of Waddington

33193

Sired by Imp. Border Raider. A splendid individual

Herd under State and Federal Supervision

Inspection Solicited *Write for Price*

ROLLWOOD FARM - Guilford, Conn.

GREENWAY FARM

WARE, MASS.

All bulls over two months of age being sold

WE ARE NOW OFFERING

Bull Calves

sired by GOLDEN PROMISE OF LANGWATER and out of A. R. cows or cows now on test at farmers' prices

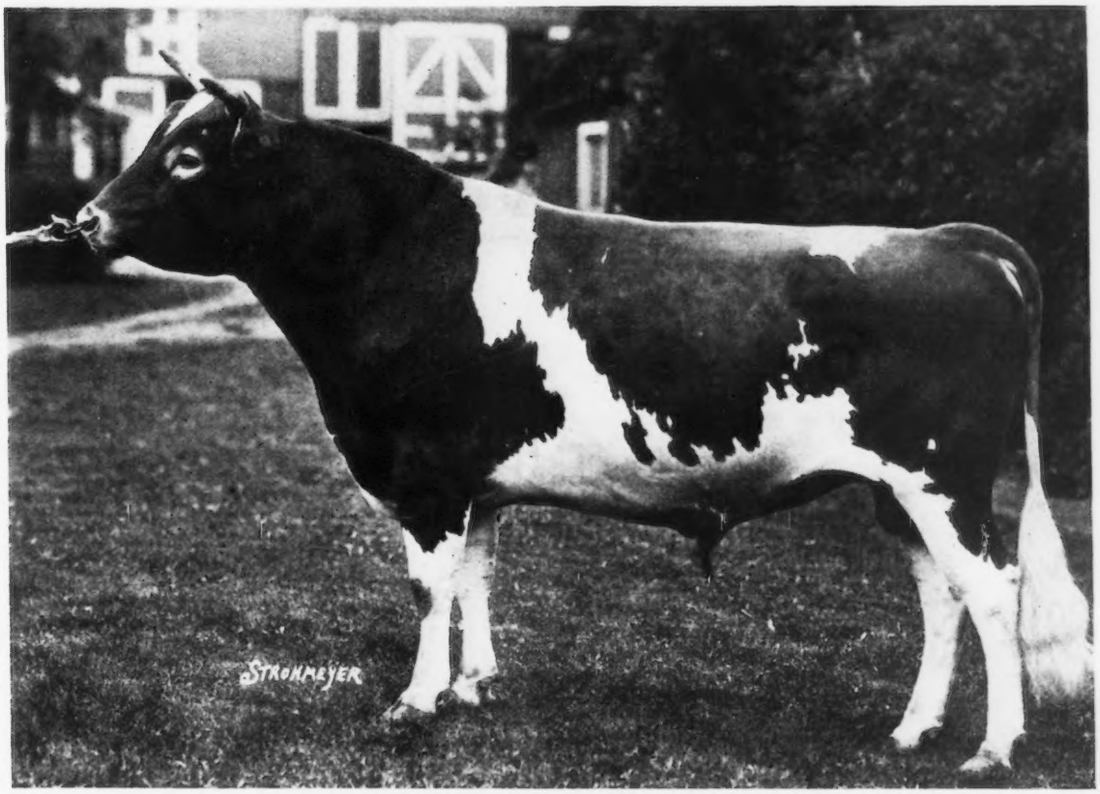
We also have one or two females to sell

HERD UNDER FEDERAL SUPERVISION

George H. Timmins, Ware, Mass.

BEECHWOOD FARMS GUERNSEYS

SENIOR HERD SIRE—LANGWATER EASTERN KING 63072



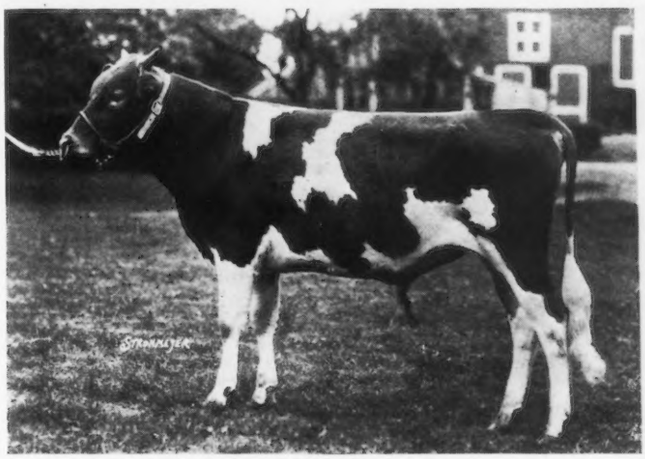
Full brother to Langwater Queen of the East A. R. 7783—13221.50 lbs. milk, 646.82 lbs. fat, Class G; 16980.40 lbs. milk, 831.00 lbs. fat, Class A
SIRE—LANGWATER WARRIOR 26509 A. R.
DAM—LANGWATER CLEOPATRA 47043 A. R.
15364.70 lbs. milk, 792.52 lbs. fat, Class B. Highest priced cow of the breed.

One of the Junior Herd Sires

WOODBINE'S KING OF BEECHWOOD 82949

SIRE—LANGWATER EASTERN KING 63072

DAM—LANGWATER WOODBINE 89274
10493.1 lbs. milk, 549.17 lbs. fat, Class D



We are offering bull calves sired by Langwater Eastern King 63072 out of well bred cows with A. R. records or cows making records now.
We are but twelve miles from Union Station, Pittsburgh, Pa. Visitors always welcome.

FEDERAL ACCREDITED HERD NO. 41818

WILLIAM FLINN, OWNER
1942 Forbes Street
Pittsburgh, Pa.

Address: BEECHWOOD FARMS
JOHN J. COSTOFF, Supt.
Sharpsburg, Pa.

THE OAKS FARM

HERD SIRES

FLORHAM LEADER 55682

Sire—NE PLUS ULTRA 15265
Sire of 44 daughters which average 11929 lbs. milk, 605 lbs. fat.

Dam—LANGWATER NANCY 27943
A. R. record of 18784 lbs. milk; 1011 lbs. fat. Class A

CRAMOND CHIEFTAIN 60857

Sire—LANGWATER WARRIOR 26509
Sire of 17 A. R. daughters

Dam—LANGWATER EASTER LILY 39269
A. R. record of 13461 lbs. milk; 664 lbs. fat Class A

GOLD RAIDER OF LILYDALE 70643

Sire—GOLD RAIDER 41679
Maternal brother to Florham Laddie and Ne Plus Ultra 4th

Dam—ULTRA ROSE 58909
A. R. record of 14729 lbs. milk; 727 lbs. fat Class A
(Daughter of Ne Plus Ultra)

We are offering For Sale sons of the above Bulls from cows with official records or now on test

Herd tested by the U. S. B. A. I. since 1913

Write us when in the market for a herd sire or females for foundation stock, herd number over 160 head

The OAKS FARM
COHASSET, MASSACHUSETTS

W. S. KERR, *Manager* C. W. BARRON, *Proprietor*

HERD SIRE:

Maxim of Linda Vista 42270 A. R. Sire: Don Philippo of Linda Vista 25544 A. R. Dam: Imp. Maid of Tranquel Dale 3rd 48509 A. R. Full brother to Muriel of Linda Vista A. R. 7984—154439 lbs. Milk, 733.92 lbs. Fat, Class A.

Sire of

Beldame of Island Farm	600.68 lbs. fat	Class G
Maxim's Golden Bella	660.99 " "	" FF
La Noces May Rose	662.24 " "	" G

(Look up the entry record of La Noce's May Rose owned by Geo. W. St. Amant, Esq., in the July 1st Journal and realize that Guernsey History is being written.

Ultra Celia 72478

12566.20 lbs. milk

755.83 lbs. butter fat

THERE is convincing evidence that Maxim of Linda Vista is that rare mixture of May Rose and imported blood that retains individuality, strengthens constitutional vigor and so combines productive inheritance, that the result is cumulative and increased producing ability transmitted to the offspring.

The dam of each of the above three daughters of Maxim was a high class cow carrying May Rose blood.

That Maxim was equal to working improvement on cattle that were themselves of special merit stamps him as a means of breed improvement.

That Maxim is now being mated to such cows as Ultra Celia 755.83 lbs. fat in G; Cavalier's Helen 734 lbs. fat in F; Imp. Pearl of Rocque a Beuf 773.39 lbs. fat in F; Ultra May Queen 757.74 lbs. fat in D; Raymond's Morning Glory 731.01 lbs. fat in A, is of special interest to owners of May Rose Guernseys who are thoughtful of the future.

If you will write us we will be glad to file your name and notify you of the arrival of bull calves by Maxim from any of the cows in our herd.

We can now offer three yearling bulls from high record cows at very reasonable prices; also some good heifers.

VISIT THE FARM

Jules Breuchaud, Owner **Frank Rossa, Supt.**

Herd Federal Accredited No. *36525*

HIGH POINT GUERNSEYS

HIGH POINT SPRINGS FARM

OLIVE BRIDGE ULSTER COUNTY, N. Y.

HIGH POINT GUERNSEYS

LOCUST LAWN FARM

WHITFORD, PA.

Accredited Herd 33651

Herd strong in blood of

MEADOWLEA 26508

Blood brother to Dolly Dimple's May King of Langwater A. R.

Bull calves for sale

FAIRYDALE FARM

May Rose Guernseys

Bred for Type and Production

Breeding Stock For Sale

PAWLING NEW YORK

GEO. C. STONE, *Owner*

Accredited Herd

TYPE PLUS PRODUCTION EQUALS

—Ladysmith's Cherub Blood—

Infuse these valuable qualities into your herd through one of Ladysmith's Cherub's sons—or double grandsons. This blood has already proven itself in other herds. Why not in yours?

"Use LADYSMITH'S CHERUB *Blood"*

Shorewood Farm, CRYSTAL BAY MINNESOTA

D. D. TENNEY, *Owner* -:- C. S. HOLGREN, *Supt.*

HIGHLANDS

A Satisfied Purchaser is more important to us than a sale. — We can satisfy you.

Did you read the very important articles on Herd Sires in the GUERNSEY BREEDERS' JOURNAL?

NE PLUS ULTRA STANDS PRE-EMINENT

Ne Plus Ultra occupies this position among Guernsey sires because—

1. He stands first in the list of sires that have sired daughters with the equivalent of 600 lbs. fat
   He stands third in the list of sires with daughters having the equivalent of 800 lbs. fat
   He stands second in the list of sires with daughters having an equivalent of 1000 lbs. fat
2. He has sired 12 daughters that have actually produced over 700 lbs. fat, which is more than any other Guernsey bull has ever sired; and his entire list of 41 A. R. daughters averages over 600 lbs. fat.
3. His progeny ranks as high in individual excellence as it does in production.

We have always been believers in the blood of Ne Plus Ultra and Imp. Itchen Daisy III, and our senior herd sire,

ULTRA SELECT 47137

carries 75% of the blood of Ne Plus Ultra, and 46% of the blood of Imp. Itchen Daisy III—more of the blood of these two animals than ony other living bull.

We own nine animals carrying 50% of the blood of Ne Plus Ultra—this list includes four of his best daughters.

We are also using two sons of Ultra Select, namely—Highland Chief Justice, carrying 50% of the blood of Ne Plus Ultra, and tracing six times to Imp. Itchen Daisy III; and Highland Chevalier, out of the highest record daughter of Langwater Demonstrator, one-half brother to Ne Plus Ultra.

Let us send you a pedigree of a bull of real Ne Plus Ultra breeding.

Federal Accredited Herd No. 36782

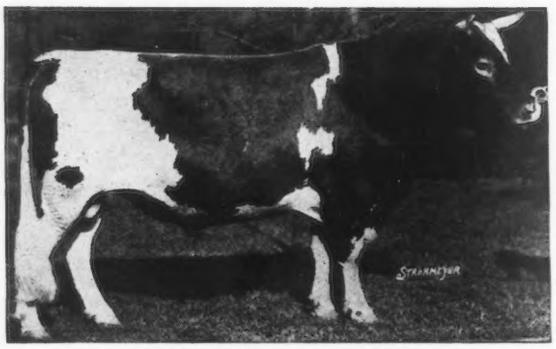
W. H. GRATWICK, Owner
Office, 814 Chamber of Commerce Bldg.
Buffalo, N. Y.

For Particulars address:
NYE H. FREEMAN, Herdsman
Linwood, N. Y.

R. E. LOWDEN, Supt.
Linwood, N. Y.

WELLSLEA FARMS

SENIOR HERD SIRE



LANCASTRIAN 37057

A son of Ne Plus Ultra

We are now testing his daughters, Clover's Josephine 122242 has just finished in Class G with 10702.50 lbs. milk, 611.59 lbs. fat. Two other daughters now on test, one milking up to 50 lbs., the other 40 lbs. per day. For sale: their bull calves, sired by a son of Langwater Valiant.

I. IRWIN WELLS, Spring City, Pa.

Greyholme Farm Guernseys

NINETY HEAD

Best type and bloodlines

We offer two young bulls whose dams have records of over 600 lbs. fat.

Also, have Females for sale

Inspection Invited

Farm at Riverpoint, R. I. on Providence-New London Pike
Take bus or trolley from Providence

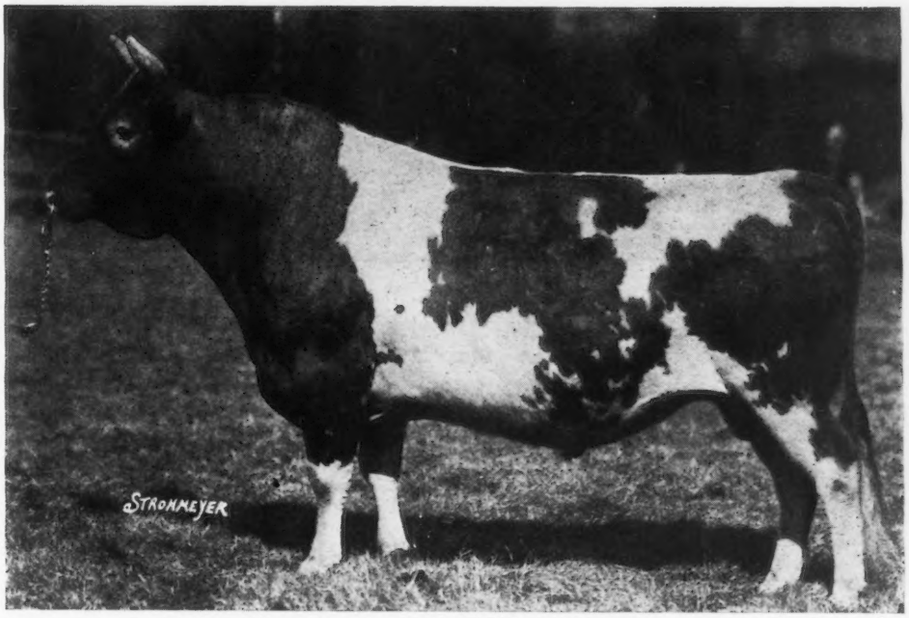
C. PRESCOTT KNIGHT
Owner

G. F. BOYNTON
Mgr.

Brookmead Farm Guernseys

FRANK GRAHAM THOMSON, Owner
DEVON -:- PENNSYLVANIA

calls attention to one of the Best Bred Bulls of the Breed



LANGWATER MASTER FRED 51494

Sire:

LANGWATER WARRIOR 26509 A. R.
Sire of Langwater Queen of the East, over 600 lbs. fat in Class G; 830.99 lbs. fat, Class A (Unofficial). Langwater Helpmate sold for $11000.00 now on test in Class B making a big record.

IMP. KING OF THE MAY 9001 A. R.
32 A. R. daughters average 620 lbs. fat. Sire of Full Brothers, Stars & Stripes and Dolly Dimple's May King.

IMP. MAY ROSE KING 8336

IMP. ITCHEN DAISY 3RD 15630 A. R.

IMP. LANGWATER LILY 26606 A. R.
101290.17 lbs. milk, 548.66 lbs. fat. Dam of Langwater Levity 12785.9 lbs. milk, 622.15 lbs. fat.

IMP. GOLDEN SECRET 12599 A. R.

IMP. ITCHEN LILY 5TH 23540

Dam:

LANGWATER MARY 38604
12681.8 lbs. milk, 668.04 lbs. fat. 2nd National Dairy Show, Chicago, a cow of wonderful size and capacity. Dam of Langwater Destiny A. R. 11522.30 lbs. milk, 554.17 lbs. fat.

DOLLY DIMPLE'S MAY KING OF LANGWATER 12997 A. R.
Sire of Ne Plus Ultra, Itchen Daisy's May King Langwater Nancy 1011 lbs. fat.

IMP. KING OF THE MAY 9001 A. R.

DOLLY DIMPLE 19144 A. R.

LANGWATER HOPE 27946
Leading cow in Class F. 15978.8 lbs. milk, 773.59 lbs. fat. Fifth cow in Class A, 19882.0 lbs. milk, 1003.17 lbs. fat.

IMP. KING OF THE MAY 9001 A. R.

IMP. ITCHEN LILY 5TH 23540

We offer sons of "Master Fred" out of daughters of Stars & Stripes, Stars & Stripes 2nd, and Royal Master carrying from 9 to 12 May Rose Crosses.

BROOKMEAD FARM

FRANK GRAHAM THOMSON, *Owner*

526 Land Title Building -:- Philadelphia, Pennsylvania

Farm at Devon, only 18 miles from Philadelphia, with fine train service.

Prince Victor of Thorn Hill 51791

Wisconsin

FOND DU L

GREEN LAKE - RIPON - WAUPUN
ROSENDALE - ELDORADO - BYRON
OAKFIELD - BRANDON - VAN DYNE

SARNIA FARM

We are offering a very high class son of Cherub's Prince in LONE PINE PRINCE 82881—*born August 17, 1922.*

His dam, Langwater Royal 4th's Belle 114072 is one of the choicest cows in the herd of H. L. Stout and under test in Class G has made in 141 days 213.66 lbs. fat. She is a daughter of Langwater Royal 4th the A. R. full brother to the great Pearl's Dot.

See Page 10, Jan. 1st Journal

Second dam, Miss Belle of Locust Lane 2nd with a record of 559 lbs. fat, and a daughter of Langwater Royal 2nd. If you want a son of Cherub's Prince from a high class May Rose cow send for pedigree, price and description of this one.

CHARLES L. HILL & SON - ROSENDALE, WIS.

FAIR OAKS FARM

OFFERS FOR SALE

Cows, Bred Heifers and a few Heifer Calves.
These are all of our own breeding.

FEDERAL ACCREDITED HERD

ARMAND P. RATHER PEEBLES, WIS.

H. J. HEFTER - BYRON, WIS.

FOR SALE:

Ten choice grade bred heifers.
A few pure bred heifers.

H. G. PETERS - BYRON, WIS.

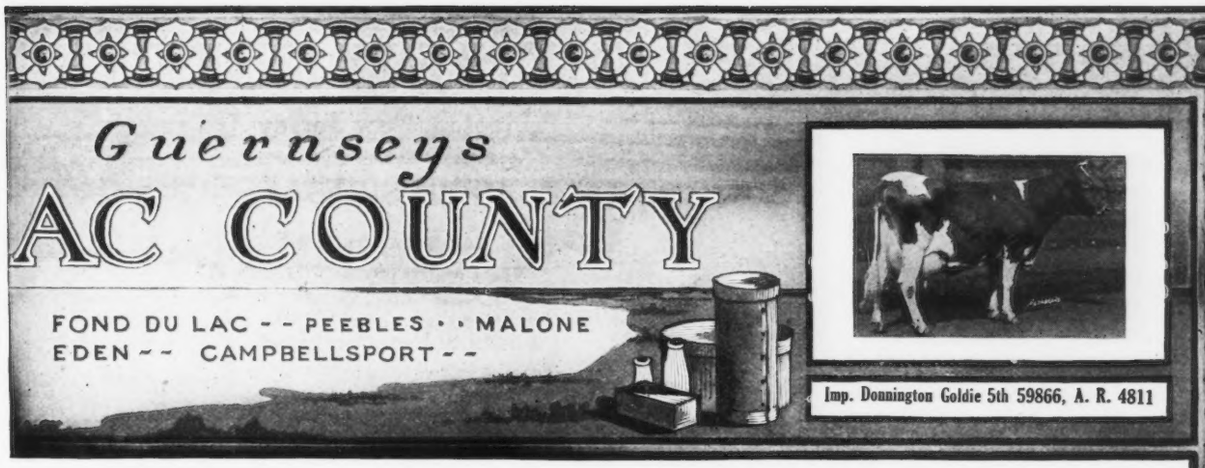
FOR SALE:

Fifteen yearling grade heifers (open).
Eight cows and heifers to freshen soon.

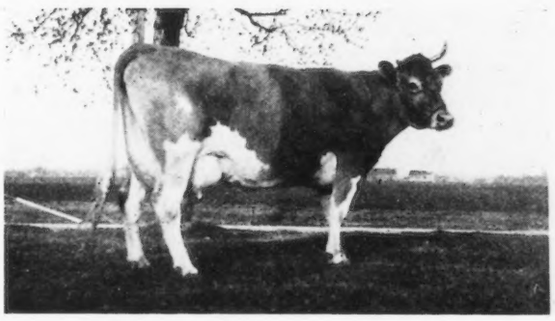
FOND DU LAC COUNTY BREEDERS have contributed more real Guernsey foundation animals, that are doing the noble duty of providing substantial incomes to farmers, than any County in America.

Ask the man that got his start here. We are in a position to start others or to aid in correcting your mistakes.

B. F. SHERIDAN,
Secretary



CORIUM FARM GUERNSEYS



DEASIE'S LADY BETWIXT

We are offering a son of this wonderful cow, born April 28, 1923

This calf carries what every breeder wants, Type plus Production

SIRE—CHERUB'S PRINCE 41543

See page A–11 in April 15th GUERNSEY BREEDERS' JOURNAL

DAM—DEASIE'S LADY BETWIXT 72657

14030.7 lbs. milk, 705.1 lbs. fat, Class C

SIRE—Princess Deasie's Son 28148, 1st Prize and Junior Champion, Wisconsin State Fair 1915, and out of the wonderful Cow, Princess Deasie 36703, who has records of 666.22 lbs. fat at 2 years and 687.8 lbs. fat at 3 years.

If interested, write us **Priced right**

CORIUM FARM, INC. - - FOND DU LAC, WISCONSIN

SULPHUR SPRINGS GUERNSEYS

To avoid inbreeding, we offer for sale or trade our

HERD SIRE

PRINCE VICTOR OF THORN HILL 51791

(Age four years)

Sire: Victor of Pencoyd 18901. Fifth Prize National Dairy Show. Sired by Imp. Golden Secret.

Dam: Princess of Thorn Hill 44951. Once heading Class AA with 736.63 lbs. fat.

A wonderfully prepotent individual of the true dairy type and Guernsey color.

Charles Schmoldt & Son **Rosendale, Wis.**

Karmac offers for sale

Folly Laura's Prince 71071, born Oct. 20, 1920. He is a grandson of Langwater Hayes Rosie's King of the May and also traces four times to Governor of the Chene and once to Masher 63. His dam, Folly Laura, finished GG in 8th place with 572 lbs. fat. She has a full sister with 517 lbs. fat in G. His nine nearest tested dams average 692 lbs. fat. This bull is siring uniformly good calves in our herd.

FRED M. INGALLS :-: FOND DU LAC, WIS.

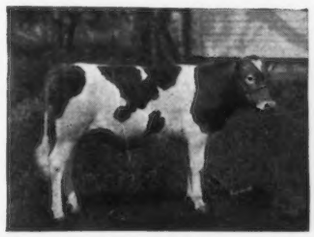
"L U X E R I N"

B. F. SHERIDAN :: :: FOND DU LAC, WIS.

offers this classy bull calf

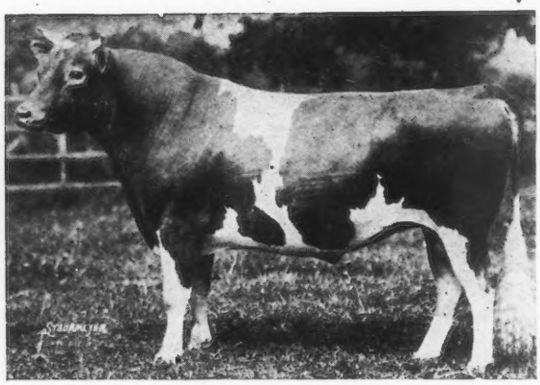
SIRED BY DAIRY MAID'S NONPAREIL OF IOWA

Dam—DELATINA OF FOND DU LAC (on test) will make between 500 and 600 lbs. in FF. Her dam MARY R OF FOND DU LAC 635.65 GG (class leader).



Recent sales of bulls by NONPAREIL—Fred Sy, Keil, Wis. —got son of CARRIE 747 AA.

Tristram Farms, Eau Claire, a son of ELAINE, a high class daughter of EMINENT OF SARNIA.



LANGWATER SYBARITE 63073

COVENTRY FARM GUERNSEYS

Princeton, New Jersey

HERD SIRES:

LANGWATER SYBARITE 63073
Sire: Langwater Steadfast A. R.
Dam: Langwater Sybarita A. R.

ROCKINGHAM HOLLISTON 84230
Sire: Langwater Holliston A. R.
Dam: Imp. Belle of Rockingham A. R.

Among our foundation cows are the following:

Langwater Cleopatra A. R., a daughter of Imp. King of the May A. R.
Four daughters of Ne Plus Ultra A. R.
Four daughters of Langwater Warrior A. R.
Two daughters of Langwater Steadfast A. R.

A daughter of Langwater Model A. R. and a daughter of Langwater Renown A. R.

Young bulls bred along these lines usually for sale at reasonable prices.

Federal Accredited Herd No. 23529

Address

R. L. BENSON, Owner **G. F. STONE, Supt.**

Princeton, N. J.

GUERNSEY DEPARTMENT

WE have just completed a *Guernsey Hand Book*—a book which every Guernsey Breeder should have in his possession. It contains much valuable information, including: a list of the leading A. R. sires with 25 or more daughters; sires with 800 lb. daughters; all 800 lb. cows listed under their owners and arranged alphabetically according to states; all breeders and owners listed alphabetically and given credit for the 800 lb. fat cows they have bred and those they have developed. Progress tables have been compiled giving each state credit for the 800 lb. fat cows it has bred and developed.

With every order of $3.00 or more received between August 1st and September 15th, we will give this hand book as a premium.

Don't miss this opportunity—WRITE NOW!

WISCONSIN LIVE STOCK ADVERTISING COMPANY

Pioneer Bldg. -:- Madison, Wis.

Hillswold Farm Guernseys

Offering

Two Sons of

Langwater Kitchener 65792

1. Born Dec. 16, 1922

   Dam--Belle of Bayside 39154 A. R. Now making fifth record. Four average 9079 lbs. milk, 499.5 lbs. fat.

2. Born March 28, 1923

   Dam--Hillswold Bonnibel 62855 A. R. Class AA 10933.7 lbs. milk, 507.99 lbs. fat.

HERD ACCREDITED

W. A. CLOUES, Mgr. Shrewbury, Mass.

CORIUM-SARNIA-IOWA DAIRY FARM

CHERUB'S PRINCE 41543

The Get of CHERUB'S PRINCE 41543 *won the following prizes at the larger shows of 1922 in the United States:*

NATIONAL DAIRY SHOW. MAY ROSE CHERUB 70934, 1st prize senior yearling and Junior Champion bull.
PROUD PRINCE OF THE PRAIRIE 69199, 2nd prize senior yearling bull.
CHERRY RIPE OF THE PRAIRIE 124401, 1st prize junior yearling heifer.
CORIUM ROSE DES HOUARDS 125038, 3rd prize junior yearling heifer.
PRINCESS PRETORIA OF THE PRAIRIE 105281, 2nd prize 3 year old cow.
HONEYBLOOM OF THE PRAIRIE 89451,4th prize 3 year old cow.
HONEY DEW OF THE PRAIRIE 101492, 2nd prize 2 year old heifer.
Get of sire second prize.
Also winner of Peer cup

MINNESOTA AND IOWA STATE FAIRS. MAY ROSE CHERUB 70934, 1st prize, Junior and Grand Champion bull.
CHERRY RIPE OF THE PRAIRIE 124401, 1st prize junior yearling heifer.

MISSOURI STATE FAIR. MAY ROSE CHERUB 70934, 1st prize junior and grand champion bull.
CHERRY RIPE OF THE PRAIRIE 124401, 1st prize junior yearling heifer.
TRUE MAY ROSE OF THE PRAIRIE, 2nd prize senior heifer calf.
Iowa Dairy Cattle Congress.

WATERLOO DAIRY CATTLE CONGRESS. MAY ROSE CHERUB 70934, 1st prize and junior champion bull.
CHERRY RIPE OF THE PRAIRIE 124401, 1st prize junior yearling heifer.
HONEY DEW OF THE PRAIRIE 101492, 1st prize 2 year old heifer.
HONEYBLOOM OF THE PRAIRIE 89451, 4th prize 3 year old cow.
PRINCESS PRETORIA OF THE PRAIRIE 105281, 2nd prize 3 year old cow.
CORIUM ROSE DES HOUARDS 125038, 2nd prize junior yearling heifer.
CORIUM NELLIE VALONGIS DAWN 133346, 4th prize junior heifer calf.

WISCONSIN STATE FAIR. CORIUM NELLIE VALONGIS DAWN 133346, 1st prize junior heifer calf.
CORIUM ROSE DES HOUARDS 125038, 1st prize junior heifer.

WESTERN ROYAL LIVE STOCK SHOW, SPOKANE, WASH. CORIUM LADOCK JENNY'S PRINCE 81177, 1st prize junior bull calf.
CORIUM ROSE DES HOUARDS 125038, 1st prize junior yearling heifer.
CORIUM MAY QUEEN'S DONNA 132219, 1st prize junior heifer calf.
CORIUM NELLIE VALONGIS DAWN 133346, 2nd prize junior heifer calf.
Get of sire, second prize.

PACIFIC INTERNATIONAL LIVE STOCK SHOW, PORTLAND OREGON. CORIUM LADOCK JENNY'S PRINCE 81177, 1st prize junior bull calf.
CORIUM MAY QUEEN'S DONNA 132219, 1st prize junior heifer calf.
CORIUM ROSE DES HOUARDS 125038, 3rd junior yearling heifer.
CORIUM PRETTY MAIDS CORA 20962, 3rd prize senior heifer calf

Many other prizes lower than 4th were won by his get and many other prizes at smaller shows. No other bull has made such a record as the sire of show stuff at the greatest shows in the United States in the last three years as has been made by the get of Cherub's Prince. His sons are in such demand now you will need to place your order in advance with

F. J. RUEPING
FOND DU LAC, WIS.

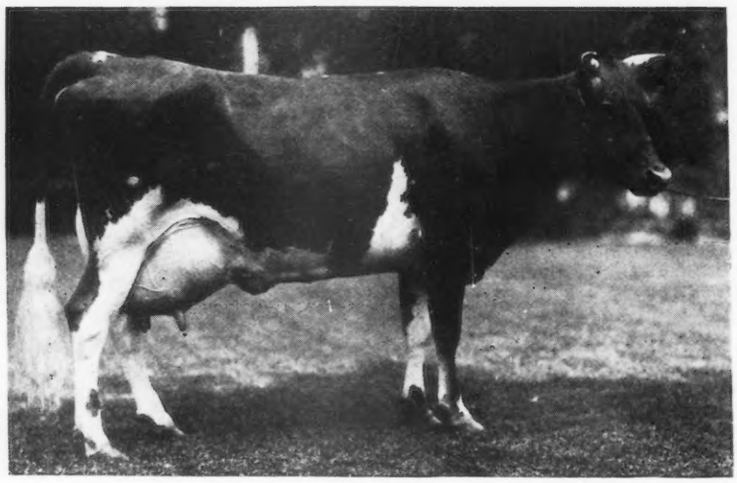
CHARLES L. HILL & SON
ROSENDALE, WIS.

W. W. MARSH
WATERLOO, IOWA

LOUIS MERRYMAN'S

SEMI ANNUAL SALE

TIMONIUM, MD., SEPTEMBER 27TH, 10.30 A. M.



WILD ROSE OF COSQUAY 11280.6 lbs. of milk, 518 lbs. of fat, class F., sold in our spring sale to Martindale Farms, St. Catherines, Ontario, Canada, for $1,300. Photo taken after she freshened in Canada. Mr. McSloy wrote under date of July 16th "she gave as high as 62 lbs. milk a day."

J. E. Dodge purchased in our 1922 Fall Sale, Elmora Vista of Convin Hill for $600 for Emmadine Farm. They expect her to finish with 800 lbs. fat. We feel that this sale contains as high class animals as the last two.

Five bulls including two from Langwater: Langwater Guardsman and Langwater Starshoot up to the standard of that establishment.

Forty cows and bred heifers. Many will be fresh sale day. All real producers. Fifteen heifers of the highest class.

for catalogue write

LOUIS McL. MERRYMAN :: SPARKS, MD.

CEDAR HILL GUERNSEYS

May Rose

Masher's Sequel

BLEU-BELL OF DRURY LANE 99927

great size — refinement — splendid udder and milk vein development — capacity — constitution

F. E. DRURY *Owner* CEDAR HILL FARM—GATES MILL, OHIO JOHN BROWN *Manager*

Woodlands Oneida 52468

AND

Woodlands Bopeep 100506

wish to announce the arrival of

Woodlands King Tut

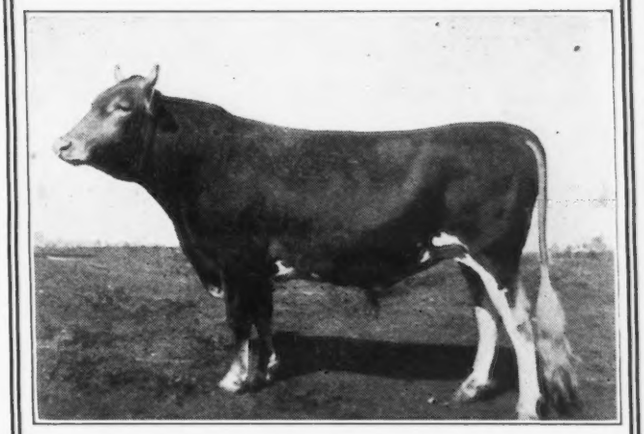
Price $100.

Woodlands Bopeep has just completed a Class G record of 10421.50 lbs. Milk and 506.30 lbs. Fat.

Can spare a few females

For particulars apply to

W. B. JONES
Drawer O
WHITE PLAINS, NEW YORK



Our herd sire has the best possible blending of
TYPE and PRODUCTION

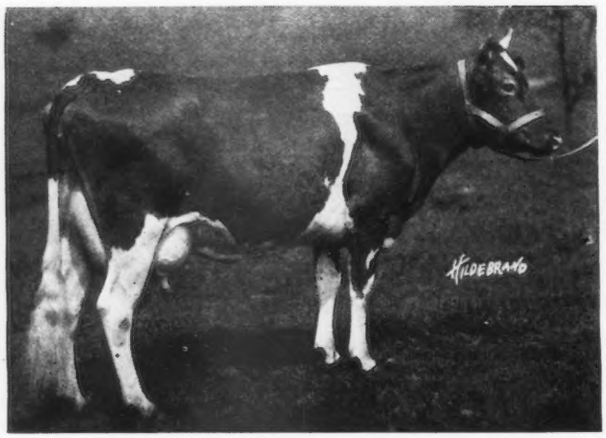
Dot's Cherub *of* Shorewood 58823

Sire: LADYSMITH'S CHERUB, A. R.
Dam: PEARL'S DOT (head of Class AA).

How would you consider a son of this great bull out of one of our good foundation females? We have one good enongh to improve the type and production of your herd.

We are getting a fine run of heifer calves and could spare one or two daughters of Dot's Cherub, show stuff with a heritage of production and type back of them that is hard to equal. Must be seen to be appreciated.

SHELDON GUERNSEY FARM, GRAND RAPIDS, MINN.



Imp. Green Meadow Actress 110789

Now on A. R. test in Class C has made in 189 days, 7210.3 lbs. milk, 386.46 lbs. fat (unofficial) indications are she will make over 700 lbs. fat.

Her son born December 19, 1922 for sale. Sire: Langwater Defender 52427. First prize and first for get of sire Franklin County Fair 1921. Full brother to Langwater Amazon 74566 A. R. record 11547.8 lbs. milk, 631.94 lbs. fat, class G. Langwater Defender is by Langwater Steadfast, out of Imp. Langwater Lily 26606 A. R. record 10290.1 lbs. milk, 548.66 lbs. fat, class A, dam of Langwater Levity 70293 A. R. record 12785.9 lbs. milk, 662.15 lbs. fat, class EE, dam of Shuttlewick Levity.

This young bull combines the essential factors of breed improvement and he is a worthy head for a high class herd.

Price, pedigree and full description on request.

Better visit our herd of FOREMOST GUERNSEYS, the herd which every breeder visiting to date has said "The Best Collection of Guernseys I ever saw on one Farm."

EMMADINE FARM

Hopewell Junction, Duchess County, New York

J. C. PENNEY, *Proprietor* JIMMIE DODGE, *Manager*

(Visitors met by appointment at Beacon, Main Line N. Y. C. R. R.)

N. B. If you want to grow the best pork, buy Successor Berkshires. Boars ready for service and spring pigs for sale

We take pleasure in presenting a group of daughters of

Brookmead's Sensation 74013

WE are well pleased with size udder uniformity and dairy type of the progeny obtained through the use of this bull on the high producing dams in our herd.

It would pay you to secure a bull calf by Brookmead's Sensation out of one of the select matrons in our herd

Write for particulars to

BAY CLIFFS STOCK FARM
THE HOME OF PRODUCTION GUERNSEYS
BIG BAY, MICHIGAN

JAY B. DEUTSCH
Owner

PAUL BOWEN
Herdsman

GORDONDALE

Federal Accredited Herd

OFFERS

a young bull ready for immediate service

Golden Noble of Gordondale 80585

Born November 30, 1921

SIRE Craigamoor Golden Noble 39325 A. R. Dam's record—629.03 lbs. fat Class A. A daughter of Langwater Raritan, full brother to Langwater Nancy 1011 lbs. fat.
First 6 daughters to be tested average 488 lbs. fat as two year olds.

DAM Fern of Gordondale 65443 A. R. A large straight cow with 2 records; 3382.2 lbs. milk, 395.34 lbs. butter fat Class GG. 11212.5 lbs. milk, 554.10 lbs. fat Class B. 2 A. R. daughters.

This bull is straight and well grown. Light fawn, attractively marked, clear nose.

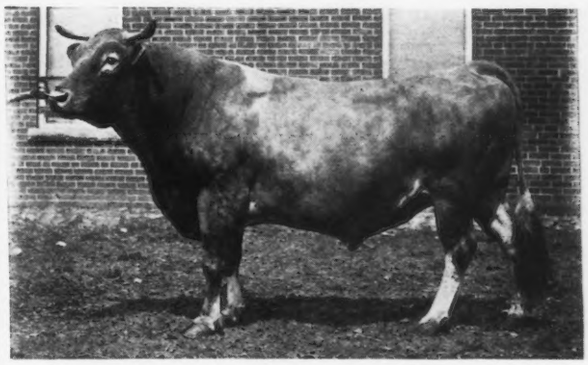
A few high class females also for sale.

For further information write

L. E. Gordon, Jr., Nelsonville, Wis.

GRASSLAND FARMS

ROBERT and HERBERT SCOVILLE, *Owners*



IMP. HONORIA'S SEQUEL 2nd 40668

Photo taken at the age of 12 yrs and 5 months

King's Cup winner and noted sire of producers and show ring winners in the United States and on Guernsey.

Inspect this bull on the farm, and arrange for a son to head your herd.

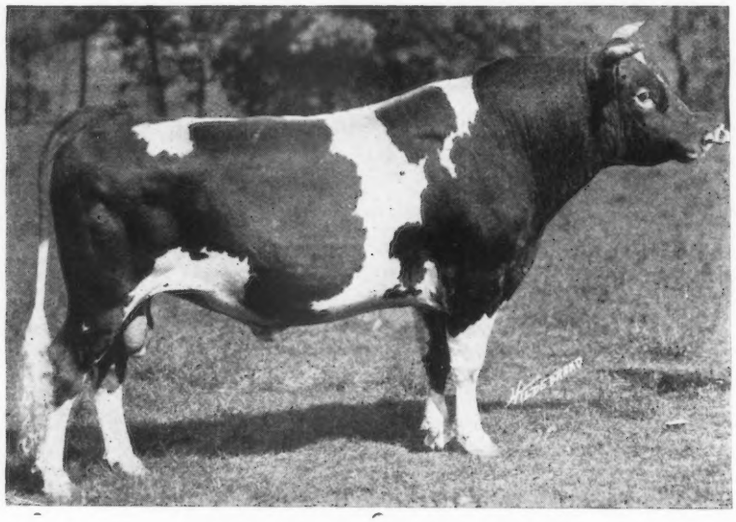
Herd Federal Accredited

Address Communications to

E. G. WOODWARD

Taconic - - - - - - - Connecticut

MACBRAE FARM GUERNSEYS



Sire: LANGWATER WARRIOR by King of the May
Dam: LANGWATER GAIETY by King of the May

CRAMOND DEFIANCE 54437
50% OF KING OF THE MAY
The Blood that made the Breed Famous

Our Herd consists of granddaughters of FLORHAM LADDIE and LANGWATER WARRIOR.

C. W. McCUTCHEN
Owner

Macbrae Farm, Flemington, N. J.

EDWARD M. ZETLIN
Manager

MEREDITH FARM
TOPSFIELD, MASS.

announces the purchase of

Atamannsit Leader 85020
Sire: MILK MAID'S ULTRA KING 44208 A. R.
Dam: LANGWATER LEADING LADY 70307 A. R.

LEADER'S twenty-five tested dams in six generations average 13396 lbs. milk and 678 lbs. butter fat. (Actual figures not corrected to maturity.) Fifteen of these 25 dams were class leaders.

We are offering a few choicely bred young bulls out of A. R. dams

E. WIGGLESWORTH
OWNER

W. G. HAY
SUPT.

Dairy Farmer

Seeking larger opportunity with Guernsey herd. Have been on present place since 1918, and have full confidenc of owner in seeking larger opportunity for natural ability with dairy cattle. Can fulfill every requirement for A-1 manager.

Full particulars and references gladly given.

JOHN E. DORSEY, JR.
PUTNAM, CONNECTICUT

CHICAGO GUERNSEY FARM

HERD BULLS

LOHIER'S RAIDER OF WADDINGTON 29314

Full brother to Raider's Polly of Waddington A. R., 705 lbs. fat, Class C, and Lohier's Beta Raider of Waddington, 14 A. R. daughters

SIRE—IMP. BORDER RAIDER 22243, 24 A. R. daughters

DAM—IMP. LOHIER'S POLLY II. 33688 A. R., 620 lbs. fat
(Daughter of Golden Noble II.)

GOLDEN KING OF BRIARBANK 34979 A. R.

SIRE—KING BELL 13482, 10 A. R. daughters
(Half brother to Imp. King of the May)

DAM—IMP. SELBY 32055 A. R., 650 lbs. fat at 3 years
(Daughter of Golden Noble II.)

KING OF FOUR PINE 61882

SIRE—KING OF CHILMARK 20798, 19 A. R. daughters

DAM—TRICKSEY'S GLENWOOD GIRL 49110 A. R., 800 lbs. fat

100 Choice Females For Sale, most of them bred to the above bulls, $200 to $500 each, federal tested and guaranteed breeders

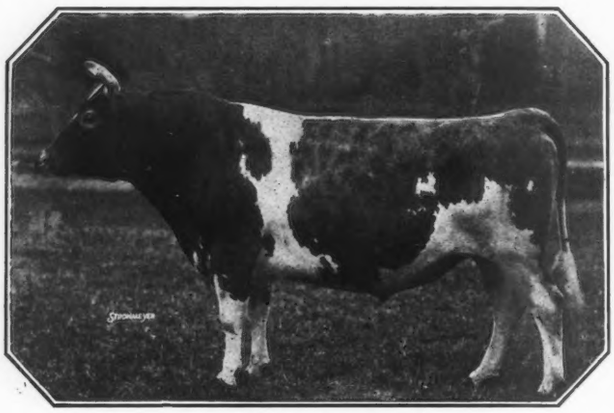
CHICAGO GUERNSEY FARM, Inc.

HINSDALE, ILL. 17 miles west of Chicago.

DREW TEN BROECK, Manager Telephone Hinsdale 486-y-1

ROCKINGHAM FARM

HOME OF LANGWATER HOLLISTON



OFFERS 15 YOUNG COWS

including

5 IMPORTED COWS in calf to Holliston
5 MAY ROSE COWS in calf to Holliston
5 DAUGHTERS OR GRANDDAUGHTERS OF HOLLISTON in calf to a grandson or to Holliston

SIRE OF

LANGWATER LEVITY 70293
Formerly 1st in Class EE
12785.9 lbs. milk, 662.15 lbs. fat

EARLY DAWN 83549
Formerly 1st in Class EE
10882.6 lbs. milk, 686.70 lbs. fat

GRAND SIRE OF

BRILLIANT LASSIE 86452
Formerly 1st in Class E, now 2d
13870.0 lbs. milk, 746.32 lbs. fat

DAISY OF CHICONA 13460
First in Class E
12015.2 lbs. milk, 748.05 lbs. fat

SHUTTLEWICK LEVITY 101850
First in Class G
16896.0 lbs. milk, 807.44 lbs. fat

ALSO A FEW EXCELLENT BULL CALVES

ROCKINGHAM FARM, Salem, N. H. **On the main turnpike to Manchester, N. H.**

Six miles north of Lawrence, Massachusetts

Address correspondence to

D. G. TENNEY, ***Owner,*** **15 West 4th St., New York City, N. Y.** C. E. TISDALE, ***Manager,*** **Rockingham Farm, Salem, New Hampshire**

THIRD ANNUAL SALE

of

CAYUGA COUNTY GUERNSEY CLUB

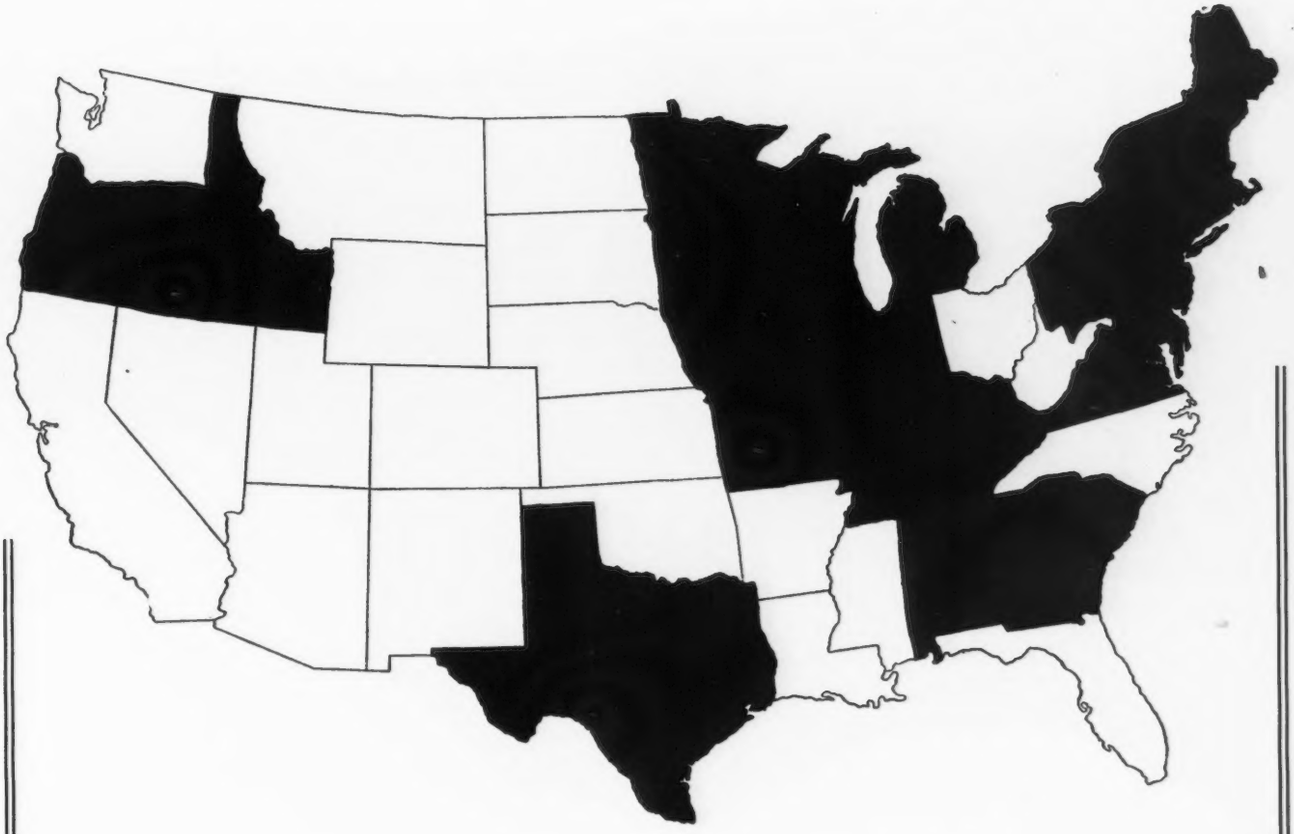
at

AUBURN, N. Y. - - Monday, September 10, 1923

THE offering consists of SIXTY FEMALES carefully selected for uniformly good type and dairy conformation. Mostly young cows or bred heifers, some with A. R. records or now on test. Many of them granddaughters of such leading sires as Langwater Stars and Stripes, Itchen Daisy's May King of Langwater, Langwater Warrior, Imp. King of the May, Imp. Golden Secret, Imp. Itchen Gold Raider, Florham Laddie, Ne Plus Ultra IV., and Gayheads Ultra May King.

This offering is not a sale of surplus animals but represents the high quality of stock being bred in the second largest Guernsey center in the United States. Catalogue sent upon request.

R. H. ALEXANDER, Sec'y UNION SPRINGS, N. Y.

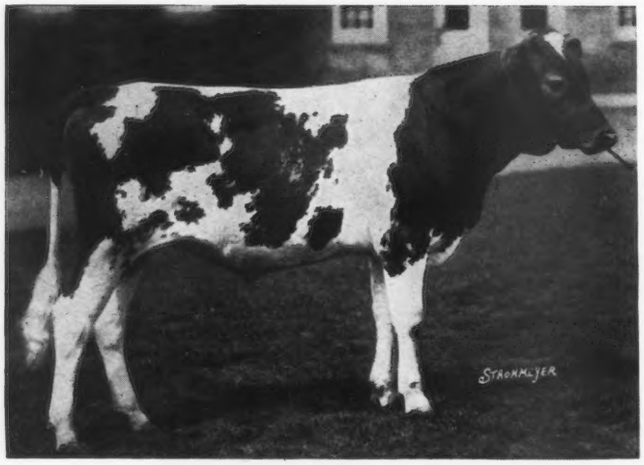


Black states indicate direct sales of Guernsey Cattle all bred at Mixter. Shipments have also gone to Porto Rico, Canada and Argentina

THE MIXTER FARM

JOHN S. CLARK, Supt. HARDWICK, MASS.

FLORHAM FARM GUERNSEYS



FALSTAFF'S WARRIOR OF FLORHAM

SIRE—LANGWATER WARRIOR A. R.
Imp. King of the May
Imp. Langwater Lily

DAM—FALSTAFF'S WYOMING OF UPLAND FARMS A. R.
Langwater Cavalier
Falstaff's Wyoming 2nd

The above bull is a cross of Langwater Warrior with one of the matrons of the farm, as per our advertisement of the May 15th issue of the JOURNAL. We are keeping this bull as a future sire at Florham Farm.

Many of the other great matrons at Florham are safe in calf to Langwater Warrior, and we will have a few bull calves by this great sire for sale during the fall and winter months. Orders now taken for future delivery for bulls from any of these cows, good individuals and satisfaction guaranteed. ACCREDITED HERD.

FLORHAM FARM R. H. ALLEN, Mgr. Madison, N. J.

FRITZLYN — NE PLUS ULTRA — GUERNSEYS

GOLDEN SECRET — KING OF THE MAY

ACCREDITED — STARS and STRIPES — HERD

If interested in a Bull Calf bred along above lines we should like to submit pedigrees

WM. F. FRETZ - Pipersville, Pa.

MEADOWBROOK FARM GUERNSEYS

R. V. LINDABURY, *Proprietor*

BERNARDSVILLE, NEW JERSEY

HERD SIRES

Langwater Raider 39137
by Langwater Model 28061

Brookmead's Pallotta King 64122
by Langwater Royal Master 23663

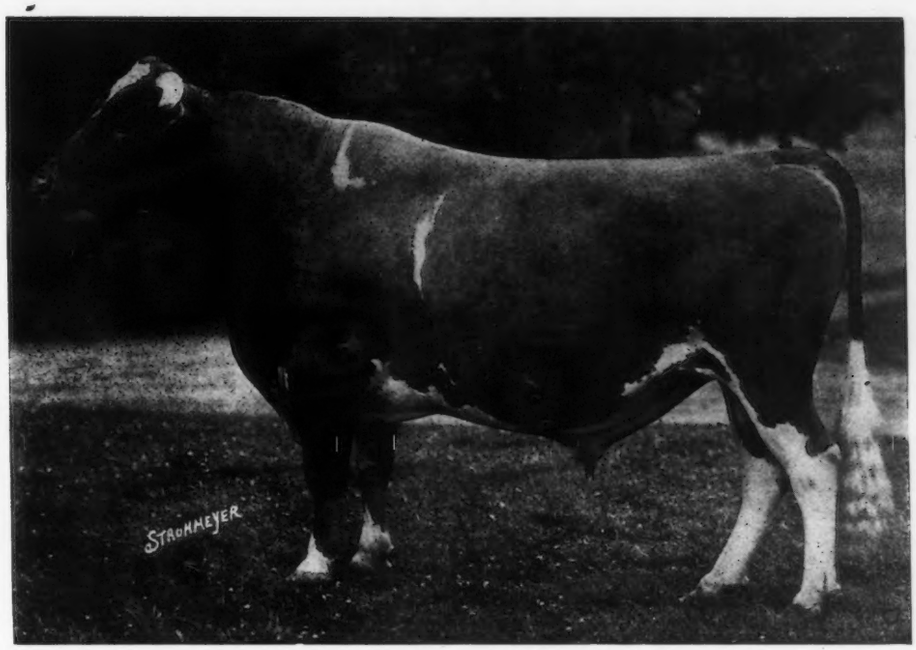
Some choice yearling bulls for sale out of high producing dams

FEDERAL ACCREDITED HERD

SAUGERTIES FARMS

J. O. WINSTON, Owner

HOME OF



ULTRA MAY KING 27600 A. R.

By Don Bernado of Linda Vista 20617 A. R. out of Ultra Lady 38913 A. R., a daughter of Ne Plus Ultra

ULTRA MAY KING traces back on both sides through five generations of Advanced Register ancestors to Imp. King of the May. Every dam in his pedigree is in the Advanced Register and every sire has Advanced Register progeny.

Ultra May King is the sire of sixteen Advanced Register daughters which averaged 581.75 pounds fat with only one aged cow in the list.

Ultra May King's daughters without a single exception show an increase in production over their dams of from twenty-five to three hundred pounds butter fat.

High production, individuality and prepotency are the characteristics of this distinguished bull,

and daughters of

FLORHAM LADDIE A. R.

18 daughters in our herd; 26 in Advanced Register

SIRE—NE PLUS ULTRA A. R.
Sire—Dolly Dimple's May King of Linda Vista A. R.
Dam—Imp. Itchen Daisy 3rd A. R.
(Greatest cow of the breed).

DAM—GOLDEN LASSIE OF PAXTANG A. R.
Greatest daughter of Lord Derby of Paxtang A. R.
Dam—Mugget of Paxtang A. R.
(Both by Glenwood Boy of Haddon with 26 A. R. daughters, 19 A. R. sons.

In the combined pedigrees of Ultra May King and Florham Laddie are found the greatest dams of the breed, with May Rose II., the foundation cow, and Itchen Daisy 3rd, the breed's greatest matron, appearing seven times each. We believe in this cross.

If you are in the market for a Herd Sire by Ultra May King A. R., and out of a daughter of Florham Laddie, write or visit

P. J. KELLY, Mgr. SAUGERTIES FARMS SAUGERTIES, N. Y.

ACCREDITED HERD NO. 39341

CONSULTATION *and* ADVICE

on the selection and management of herds; the running of cows for the A. R.; the proper feeding and raising of young stock and upon all matters pertaining to the efficient conduct of dairy herds.

I OFFER my services for the above purposes. Am successfully engaged in this work at the present time. Appointments made with owners anywhere in the East.

CHARLES D. CLEVELAND
EATONTOWN, N. J.

For Value Received

Advertise in the

Dairy Show Journal

Forms Close September 12th

REDVALE FARM

REDDING CONN.

Outcross your intensely bred May Rose

with

AN IMPORTED BULL

we have one

by

DAISY'S SEQUEL OF LE PORT 4513 P. S.

out of

Imp. Emblemn's Pansy 137088

172 days, 5560 lbs. Milk, 267.42 lbs. Fat, Class F

Herd under Federal Supervision

J. W. GERMAN, Prop. *A. J. YOUNG, Mgr.*

ANNUAL MEETING AND SALE

North Carolina Guernsey Breeders

MOCKSVILLE, N. C.

September 14, 1923

Animals Selected from the Best Herds in the State

(All under Federal Supervision)

Twenty-five purebred females, including cows fresh, cows due to freshen this fall, also a number of bred and open heifers. Four bulls, all from A. R. cows, or cows now on test.

For particulars and catalog, address

T. D. BROWN, Sales Mgr. Salisbury, N. C.

"Rising Sun Stock Farm" - Van Wert, Ohio

is offering at Private Sale REGISTERED GUERNSEYS [ACCREDITED HERD No. 23677]

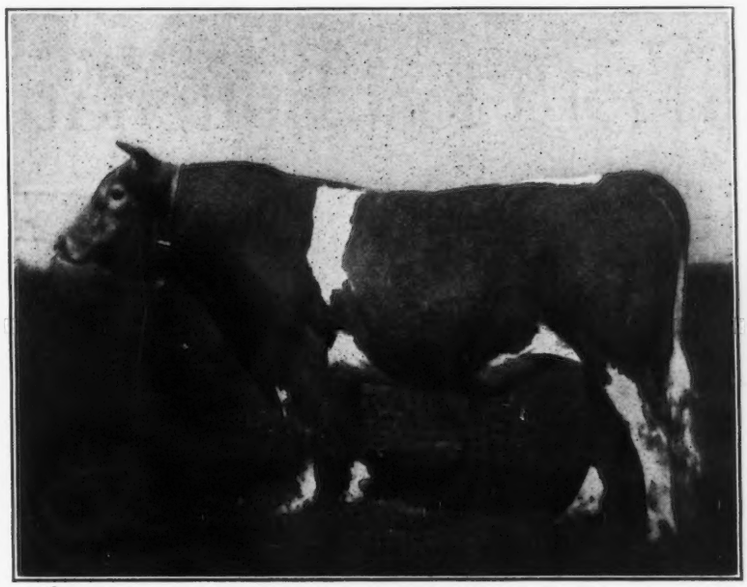
MALES AND FEMALES

ONE OR A CAR-LOAD

His Daughter:
LASSIE OF RISING SUN 92893 A. R. 12981. Sixth in Class E. 777.26 lbs. butter fat.

Five of his Half Sisters all Class Leaders with an average of 771.80 lbs. butter fat.

See GUERNSEY BREEDERS' JOURNAL, June 1, 1923, Page 575, and Jan. 1, 1923, Page 65, for more information.



COTTIE'S ROYAL LADDIE 29024
:: :: :: *Head of the Herd* :: :: ::

Sire:
LANGWATER ROYAL 14253 A. R.

Grand Sire:
Imp. King of the May 9001 A. R.

Dam: COTTIE OF ELM PLACE 2nd 14168 A. R.

Grand Dam:
Cottie of Elm Place 14167 A. R.

If you want Guernseys COME to the RISING SUN STOCK FARM *Van Wert, Ohio, where you can buy sons and daughters of this great bull.*

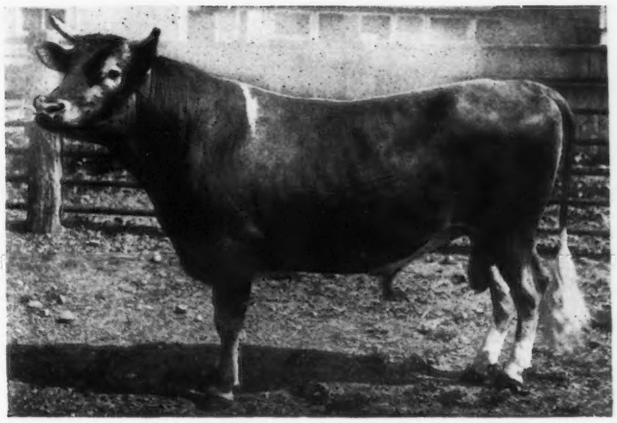
SAMUEL HERTEL & SON
Proprietors
VAN WERT, OHIO

PENCOYD'S ROYAL CROSS
68638

SIRE

May King of Watch Hill 47785

Sire—Beda's May King
Sire—Imp. May Rose King
Dam—Sheet Anchor's Beda
Dam—Golden Janella of Pencoyd 12001.6 lbs. milk; 516.86 lbs. fat, Class C
Sire—Imp. Golden Secret of of Lilyvale A. R.
Dam—Nella Jay 2d



DAM

Nella Jay 3d 35082, 12523.3 lbs. milk; 594.83 lbs. fat, 17047.2 lbs. milk, 809.38 lbs. fat.

Sire—Imp. Golden Secret A. R.

Dam—Nella Jay 16480 A. R., 9576.1 lbs. milk; 477.47 lbs. fat. Class D. 13655.6 lbs. milk; 580.19 lbs. fat Class A. Dam of 5 A. R. daughters and one A. R. son.

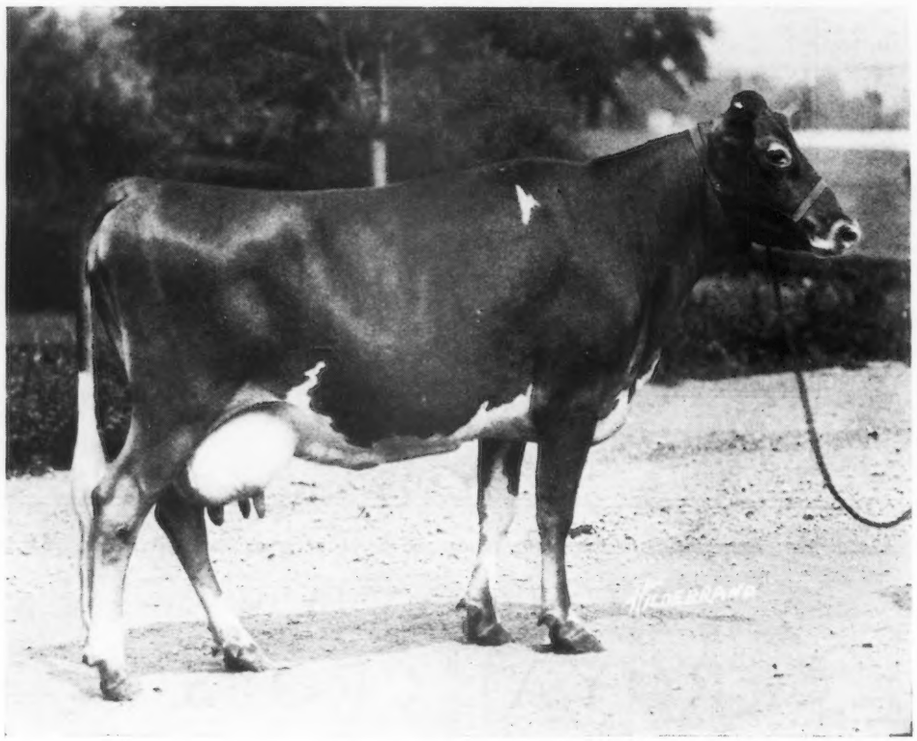
HERD SIRE AT BONNIE BRAE FARM

His first crop of calves are just coming on and are extremely promising

JOHN F. McLOUGHLIN, *Owner* - - - - CLINTON, NEW YORK

DOES PRODUCTION

1011.18 lbs. Butterfat in "A"



DAIRY MAID QUEEN OF SPRING HILL 74067
9986.10 lbs. milk; 567.78 lbs. fat in GG
18180.70 lbs. milk, 1011.18 lbs. fat in A

Sire: EVERGREEN SEQUEL 33288 A. R.
4 daughters class leaders

Dam: DAIRY MAID OF SPRING HILL 57363.
11043.80 lbs. milk, 587.26 lbs. fat in C.

DAIRY MAID QUEEN OF SPRING HILL is the seventh Guernsey cow to ever produce over 1000 lbs. of fat and takes sixth place in Class A. She was purchased because we saw in her a worthy foundation cow and a producer. We are pleased to see her fulfil our expectations. She has produced, and we are glad to say that she and her full sister, MARS NOBLE GALAXY, are one of our foundation families.

She completes another link in the chain of proven animals at Shuttlewick with whom we are building for the future, confident in the hope that the name "Shuttlewick" in a pedigree may be your guide to *quality and breeding, plus production.*

SHUTTLEWICK FARMS

Accredited Herd No. 31550

CHAGRIN FALLS, OHIO

MYRON A. WICK, Owner

J. H. GREG, Herd Mgr.

COUNT ? ? ?

Another Production Record

HER TEST —

Was made at Shuttlewick Farms and during the year she had five different milkers. She finished in excellent condition and just dropped a fine, big healthy bull calf. She carried this calf 206 days during the year's test, just 59 days less than necessary to qualify for the double letter class.

HER FULL SISTER—

MARS NOBLE GALAXY, with a previous record of 9831.50 lbs. of milk and 566.11 lbs. of fat in EE, completed her year's test in A on February 22nd, with a record of 13978.1 lbs. milk and 740.19 lbs. fat. Due to a serious attack of pneumonia, when we almost lost her, she made only 1430.7 lbs. of milk and 77.2 lbs. of fat during the last 112 days of this test. She was going at better than 950 lbs. of fat before this sickness, which shows the natural capacity of this family.

PRODUCTION, A FAMILY TRAIT.

Her sire had six registered daughters, five of whom were tested. Four of these five were class leaders. DAIRY MAID QUEEN OF SPRING HILL now becomes a class leader for a second time.

SHUTTLEWICK CALVES PAY.

We offer bull calves from MAY ROSE cows with A. R. records from time to time feeling they will make worthy future herd sires. Last fall we offered for sale a son of this remarkable cow sired by a son of LANGWATER WARRIOR. He was purchased by neighboring men at a nominal figure. The bull has grown and developed into a very handsome individual of show type. He carries type, production and breeding, and the purchaser is justly proud of him. Where could he duplicate this bull and at what price?

"Shuttlewick" in a pedigree pays at the pail and in the offspring

Write us when considering foundation stock

SHUTTLEWICK FARMS

Accredited Herd No. 31550

CHAGRIN FALLS, OHIO

MYRON A. WICK, Owner **J. H. GREG, Herd Mgr.**

LANGWATER GUERNSEYS

LANGWATER WARRIOR 26509 A. R.
Sire—Imp. King of the May 9001 A. R,
Dam—Imp. Langwater Lily

LANGWATER GENEROUS 41958 A. R. 4353
11834.80 lbs. Milk, 588.33 lbs. B. F.
Sire—Imp. King of the May 9001 A. R. *Dam*—Florham Pride

WE OFFER FOR SALE a yearling bull sired by Langwater Warrior 26509 A. R. out of Langwater Generous that is also the dam of Langwater Foremost, Langwater Valiant, Langwater Knight, Langwater Mixter, Langwater Dutiful, and Langwater Gentle. This bull is a double grandson of Imp. King of the May 9001 A. R.

Complete Information on Application

LANGWATER FARM
NORTH EASTON, MASS.

JOHN S. AMES, Owner J. A. CUMMINGS, Manager

HEIFERS

Offered For Sale at Farmers' Prices Owing to Being Overstocked

We have a carload left of fine heifers, sired by an A. R. son of Governor Chene and a son of Langwater Kaiser. This is a fine lot, aged from four months to two years. They are out of fine big cows, many of which are imported and have passed three tests.

Herd under Federal Supervision

CREEKSIDE FARMS
R. F. D. No. 2

OWEGO Tioga Co. N. Y.

ROBERT M. KING, Owner *JOSEPH RISING, Supt.*

The Forges Farm

HERD SIRES

GREAT HILL'S JEWEL 45175
SIRE—Great Hill's Golden Secret 28829 A. R.
DAM—Imp. Heliac 24248 A. R.

MAY KING OF THE FORGES 75428
SIRE—Crammond Patriot 44364 A. R.
DAM—Minnie Roberts of The Forges 72066 A. R.

CHIEFTAIN OF THE FORGES 84322
SIRE—Crammond Chieftain 60857
DAM—Elsie Roberts of The Forges 72065 A. R.

We are offering for sale daughters of Great Hill's Jewel 45175 bred to May King of The Forges 75428 and Chieftain of The Forges 84322, also some aged cows bred to the above bulls.

THE FORGES FARM *Plymouth, Mass.*
S. L. WHIPPLE, Owner J. H. NIXON, Mgr.

The October First
GUERNSEY BREEDERS' JOURNAL
will be given

Broadcast Distribution

at

The National Dairy Exposition

and the

World's Dairy Congress

at Syracuse

Your Chance to Advertise!

COPY for the Dairy Show Number must be *in Peterboro* on or before SEPTEMBER 12th.

HILL GIRT FARM

COW STABLE

BULLS

Inbred May Rose Blood

COWS

Imported, or of American May Rose breeding, including a number of outstanding individuals such as daughters of Ne Plus Ultra, Itchen Red Raider, Langater Peerless, etc.

Animals of both sexes for sale from time to time

Write for Sales List

H. G. HASKELL
Owner

H. TATTERSALL, Mgr.
Cossart, Pa.

ROUGHWOOD GUERNSEYS

consist of 90 head of carefully bred producers. Free from tuberculosis and contagious abortion.

OUR HERD SIRES ARE

Demonstrator of Roughwood 23133
sire of 15 A. R. Daughters.

Langwater Royalist 23121 A. R.
own son of Imp. King of the May.

Cramond Ajax 60028
Double grandson of Warrior. Traces 4 times to Imp. King of the May.

Regent of Roughwood 67926
by Langwater Royalist and out of
Afterglow of Roughwood A.R., present three year old World's Champion. Record of 876.16 lbs. in E.

We occasionally have for sale a nicely bred Young Cow

George N. Barrie **Chestnut Hill, Mass.**

Eight Young Heifers
FOR SALE

We unhesitatingly recommend these heifers to strengthen established herds or to form a neucleus for new herds.

BECAUSE:

They are granddaughters of Don of Linda Vista and Langwater Warrior.
Their dams are very superior cows of May Rose breeding, all with large records.
Their blood lines practically guarantee large production and correct type.
They are well grown and members of a Federal Accredited Herd.
THEY WILL PROVE A GOOD INVESTMENT AT THE PRICES ASKED.

It will pay you to inspect them before going elsewhere.

We also have one herd bull for sale.

ALBAMONT FARMS

FRANK LEPATOUREL - CAMPTON, N. H.

TYPE **UNIFORMITY** **PRODUCTION**

WADDINGTON FARM

HOME OF

IMP. BORDER RAIDER

ROSETTA'S RAIDER OF WADDINGTON 27109 A. R.

Sire: Imp. Border Raider 22243 A. R.

Dam: Imp. Rosetta IV. of the Vauxbelets 35543 A. R. 3205

Class F Record—9287.90 lbs. milk, 423.17 lbs. fat.

Official Records Made by Daughters of Rosetta's Raider of Waddington

Waddington Itchen Verbena	G	11552.70	544.51
Waddington Itchen Verbena	B	12825.20	616.48
Raider's Milford of Bethany	G	10729.10	579.98
Raider's Dairymaid of Bethany	G	11265.70	558.53
Rosetta's Lady Dudley of Waddington	E	10517.20	533.96

Rosetta's Raider of Waddington is full brother to Raider's Rosetta of Waddington 57242 A. R. 6448

Record in Class	G	10078.40	546.27
" " "	D	12273.20	668.04
" " "	A	13639.20	748.82

Improve your herd by using a Border Raider bull combining both Type and Production

Accredited Herd No. 18844

WADDINGTON FARM - - Wheeling, West Virginia

GOVERNOR II. OF THE ROUETTES 45451 A. R.

Sire: Governor of the Chene 1297

Dam: Beauty of the Rouettes 6834

14298 lbs. milk; 739 lbs. fat

Governor II. of the Rouettes 45451 is the 41st A. R. son of the Chene. His two first A. R. daughters, are Polly of Spring Farm 90722 with 9535.20 lbs. milk, 503.05 lbs. fat in Class G and Governor II. of the Rouettes Pansey 103358 with 7403.4 lbs. milk, 408.94 lbs. fat in Class G (subject to verification). All his young bulls are sold except two, one 18 months old, one 6 months old. Both out of A. R. dams. We have several A. R. cows due to freshen to his service, during the summer and fall as well as some heifers.

Accredited Herd No. 10086

SPRING FARM

Tilly Foster, New York

ELIZABETH DOUGLAS, Owner THOMAS JOHNSON, Agent

PENCOYD FARM

PENCOYD FARM *announces*

that NELLA JAY OF PENCOYD 77520, former World's Champion 2½ year old—16325.6 lbs. milk, 810 lbs. fat—calved to the service of LANGWATER FOREMOST 39191 A. R. on July 22, 1923, with a fine heifer calf.

For students of pedigrees, the blood lines of this calf will prove most interesting. It shows 31¼ per cent. KING OF THE MAY blood through the best lines.

FEDERAL ACCREDITED HERD

T. W. & I. W. ROBERTS - 1644 Land Title Building - PHILADELPHIA

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KNOLLWOOD FARM, PORT CHESTER, NEW YORK

A group of Representative Knollwood Matrons on A. R. test showing production for Month of May:

Name and Number	Class	Days	Month	Month's Credit Lbs. Milk	Month's Credit %	Month's Credit Lbs. Fat	Total Credit Lbs. Milk	Total Credit Lbs. Fat
Langwater Zara 89273	C	149	May	1469.4	5.730	84.19	6506.1	379.65
Imp. Rosie 2nd of Vimiera 93734	B	39	"	1799.8	4.209	75.75	2164.7	90.75
Imp. Sweet Brier of Knollwood 119635	A	61	"	1817.0	4.061	73.78	3423.9	134.34
Imp. Lobelia of Knollwood 110627	A	92	"	1721.5	3.957	68.11	5343.3	204.92
Imp. Hayes Golden Cherry 16th 67897	A	82	"	1260.6	4.947	62.36	4272.1	150.70
Ultra's Lulu of Edgemere 98672	D	151	"	1209.3	4.995	60.40	6700.9	302.20
Imp. Princess Ruby of Knollwood 110624	A	273	"	943.6	5.522	52.10	8623.1	466.14
Green Meadow Faith 90861	C	52	"	1186.8	4.305	51.09	2004.6	84.46
Green Meadow Hope 93072	D	243	"	956.3	5.218	49.89	7301.6	373.14
Follyland Leona 80367	B	171	"	949.6	5.140	48.80	6413.3	333.41
May Rose Starlight of Wakpala 104144	F	365	"	656.8	6.362	41.78	8314.8	501.44
Meadow Sweet of Knollwood 100305	F	365	15 days	397.6	5.941	23.62	10629.9	586.24

Average production for eleven cows on test for full month:

60.75 lbs. fat, 1270.0 lbs. milk

We have bull calves or young bulls out of several of the above cows that we are now offering

Address all inquiries to

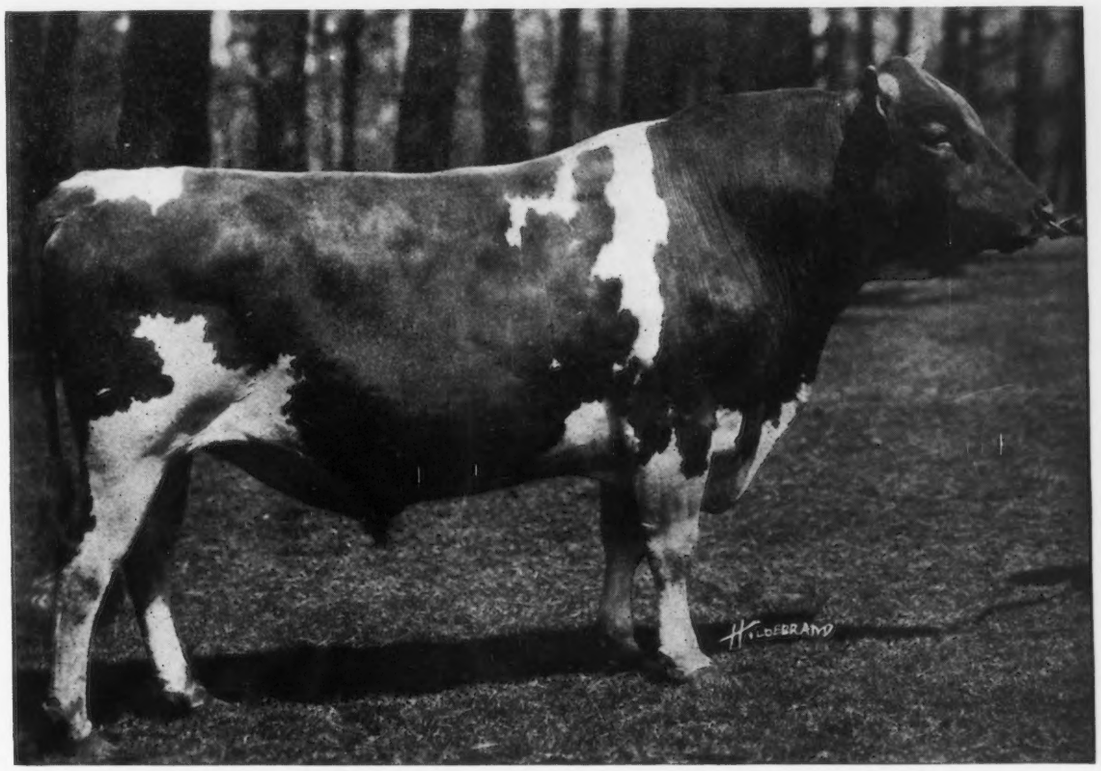
F. C. Shaw, Manager - KNOLLWOOD FARM - Port Chester, N. Y.

HERD FEDERALLY ACCREDITED

KNOLLWOOD GUERNSEYS

TRADE MARK REG. U. S. PAT. OFFICE

ATAMANNSIT FARMS QUALITY GUERNSEYS



MILK MAID'S ULTRA KING 44209 A. R.

As he is today, at the age of six years and six months.

ATAMANNSIT FARMS now have in the herd twenty daughters of Milk Maid's Ultra King, two of them on A. R. test, in classes F and C.

Sixteen of our matrons are at present in calf to this sire, including such cows as Foremost Branford Strawberry 85933, Branford Foremost Faithful 89897, Branford Warrior Daisy 102924, Hailey Dimple Keepsake 40786, Rose Queen of Edgemoor 79092, Imp. Nimkin of Langwater 110738, Falcon's Mignon 60074, Spring Maid of Edgemoor 96257, Imp. Honour's Fairy of Langwater 110964, Golden Rod of West View 38934, and Ultra of Edgemoor 107121. Two of the young cows have A. R. records in Class G of over 500 pounds of butter fat. The balance have A. R. records of above 600, one over 700, with two now completing their A. R. work in classes G and BB with above 700 pounds of butter fat.

As these cows freshen we will have their bull calves to offer to the progressive breeders.

ATAMANNSIT FARMS

Owner
GEO. W. ST. AMANT
141 MILK STREET
BOSTON, MASS.

Farm at
EAST FALMOUTH, MASS.
R. R. Station
NORTH FALMOUTH, MASS.

ABSOLUTE DISPERSAL SALE

of Federal Accredited Herd No. 28869

Peaceful Vista Farm Guernseys

PROPERTY OF
MR. W. J. BROWN
AT
PEACEFUL VISTA FARM - REDFORD, MICHIGAN
(TWELVE MILES FROM DETROIT)

Saturday, September 22, 1923

The herd is headed by the richly bred bull
ALBAMONT PREMIER 54062 and TWELVE OF HIS DAUGHTERS
14 SPLENDIDLY BRED IMPORTED COWS
22 ADVANCED REGISTER COWS
BRED AND UNBRED HEIFERS
THREE CHOICE BULLS

Following are a few of the Advanced Register cows:

	LBS. MILK	LBS. FAT	CLASS
PANSY STARLIGHT 103050 A. R. 11578	10563.00	562.47	D
GOLDSEEKER'S COTTINA 52576 A. R. 11452	11084.40	551.67	A
IMP. DAISY CROWN OF ALBAMONT 110202 A. R. 11225	10252.30	495.45	F
BELL OF ATWOOD'S DAIRY 80333 A. R. 9875	10550.20	501.44	F
LADY OF ATWOOD'S DAIRY 80332 A. R. 9873	11534.80	493.64	F
SEPTEMBER EVE OF LINDA VISTA 89478 A. R. 11122	10342.10	493.89	G
ALBAMONT POLLY'S HEROINE 81025 A. R. 9627	8626.30	444.10	G
ST. AUSTELL SYLVIA 69548 A. R. 7091	10496.10	441.17	E
IMP. MOULIN ROSE OF ALBAMONT 110200 A. R. 11577	9733.20	422.48	F
IMP. COURTIL MILDRED OF ALBAMONT 110218 A. R. 13386	8466.10	429.79	E
GOLDSEEKER'S SUFFRAGETTE OF A. D. F. 80645 A. R. 9309	8615.10	434.11	F
IMP. ROUGETTE OF ALBAMONT 110235 A. R. 13134	8451.80	408.06	F
VIOLETTE OF PEACEFUL VISTA 90398 A. R. 12994	7994.30	413.76	G

For Catalogue Address

LEANDER F. HERRICK

SALE MANAGER

405 MAIN STREET - - - WORCESTER, MASS.